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<210> 6870

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (284)...(1282)

<223> similar to gil707500 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 6871

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (318)...(40)

<223> similar to gi665927 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6871

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<210> 6872

<211> 5941

<212> DNA  
 <213> Homo sapiens  
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 <221> misc feature  
 <222> (4277)...(4009)  
 <223> similar to gi288145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6872

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gtaatgacac	agcaccattc	ctgagaaata	ggaaatata	gtgtgtggta	tgaaaagccc	4440
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cagtggctgt	tttccacca	aaggggcgtg	gagacctttt	ggaaacgggc	tttctccttt	4560
ccattttgca	gccgggggcg	ggtggaaacc	ttccttcgaa	gggtagtgcc	ttggggagca	4620
gcagacctgc	tctgagtcca	gcttagcttt	ccaaaattct	gtgtggaact	tactggagat	4680
gtttttatat	atttgaaaat	aatggcctgt	atttctcacg	ctatacttaa	aaaaaataac	4740
taacctttta	aacaaagata	ttcaaactca	cccttgtgct	gaaagcactc	acattttctgt	4800
gttcattcct	gaaagggcgt	tttagagtc	ccgtttctac	gttctatgtg	gcaccctctt	4860
gccgagggaa	catccagaat	ccctccactt	cctgtctagt	ttgaggcctc	aacaccttca	4920
tgatccagag	tcttgcggt	atgagggggt	gggccaccac	ccgccagcc	ctccttggtg	4980
gacgtgggga	caggtaggag	cctagggaaa	ggggtgggcg	ggctctggtg	tgacggcgtg	5040
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ggcgagcgt	cctggcgga	tctccccctc	ttgccttggt	cctttctatc	tttgttttag	5160
gccaatttct	aaaaagactg	aggcctcctt	caaggttgaa	cagattttcta	gagccttggt	5220
tttgctgtga	caagtcccta	gtccctgttc	acaactctga	aaccaagaaa	cctgagaacc	5280
aagagaactg	aaatgaagcc	cgttggtctc	agcctggctt	gagccaacat	gaggctctct	5340
gctgcctttt	gttttcttag	gttttgctga	gaaacgggag	tgcgttctgt	gtcgggtgtt	5400
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cttggatgag	ggctcatggg	cctgtacttc	aggaggcctg	agaggcccgg	tcagtcccat	5520
gaggctactc	ggcttgggcc	gcaggctcct	cgaggcacag	ggcagaggga	cacccacagg	5580
acccatcaga	ctcacgacac	agagaaaact	aagtgggggt	ccagggccgg	ccacagaggc	5640
cacgggcttc	ctgcctgtga	cgagccgccc	tgtttgtctg	agcccttttg	agatttaggt	5700
tgagtcatga	gaaccggtca	ttggaacata	cactttatta	tgttacaaaa	acaaaaatcc	5760
ccactgaaac	acagctaaaa	aaataacaca	ttttcccaag	attacattac	caaaaacagt	5820
tgttatgtca	ttggagggcg	tccattaata	ctgctcggag	aagcacgac	ttacacgaaa	5880
aacacggatg	ggatttcggt	ttcaccttta	aagcttttaa	agtgccttaa	cttggtaaaa	5940
a						5941

<210> 6873  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (263)...(10)  
 <223> similar to gil87274 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6873  
 gggggcagat gtgtgaggat cactgcagtc caggagttcg atgtttcagt gagctgtgat 60  
 tgcaccactg catatcagcc tgggtgacag agcaagaccc tatctcaaaa atacagaaaa 120  
 atcatcaacc acttgcagtc gtcgtagaaa tcaatcattc cctccagtta tgtccctgac 180  
 ccacaggctt catttgtgca agtactgggg ctgtgctgtc agtaatgtgt gccgcttctg 240  
 ggaaggacgt ccattgccct tgatgattgt ggtaccatac aactgcctg tttccttgcc 300  
 tgttggttcg tgcgtgataa tcacagggac accgatcctc acttttgtca aggacccaca 360  
 gctggagggtg aatttctaca ctgggatgga tgaggactca gatattgctt tccaattccg 420  
 actgcacttt ggtcatcctg caatcatgaa cagttgtgtg tttggcataat ggagatatga 480  
 ggagaaatgc tactattttac cctttgaaga tggcaaacca tttgagctgt gcatctatgt 540  
 gcgtcacaaag gaatacaagg taatggtaaa tggccaacgc atttacaact ttgcccacg 600  
 attcccgcga gcatctgtga agatgctgca agtcttcaga gatatctccc tgaccagagt 660  
 gcttatcagc gattgaggga gatgatcaga ctctcattg ttgagggaatc cctctttcta 720  
 cctgaccatg ggattcccag agcctactaa cagaataatc cctcctcacc ccttccccta 780  
 cacttgatca ttaaagcagc accaaacctc aaaaaa 816

<210> 6874  
 <211> 3039  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2825)...(40)  
 <223> similar to gi3599336 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6874  
 tttttttttt ttgtctttat catttattat ttttatttgg acaacatata tacatatgta 60  
 caaaatacct actgtcagaa tcctctttta taatttcatt tgatttaca aaacgggaca 120  
 gcaaaataac ttaggtcact aatactgtac aaaaataaaa ctgattaac agttgtaaag 180  
 atcagtatct tacagtgtta cagatcatct gatgtgaaag aacatctcaa tctatccgag 240

tgatgagtag	tgtgctaaat	ctatctgcaa	actgacaaac	taatcagttt	ctgtaattgt	300
aactaccaaa	tagaattctc	aagagaagca	tgatgtggag	ctaaacctta	aagccagggc	360
atcattccac	aatgggtgaag	ggctttcttc	ttccctaacc	aaagagagga	gatatcttaa	420
ctctaaaact	attaaatttt	ccagaatatg	acaactactt	acagtattag	ataaaacaac	480
ttttctttct	ttttaaacac	ctgcaatagt	ctttcaaaaa	ttcagtttgg	ttaaaaaagt	540
aaacaaaaat	tactatcctg	catttggtg	ttcataagtt	aaatccatgg	tctttttta	600
ataaaaagta	attgtttcat	agtttttagt	ttcaatgaac	tctagtagtc	ctattttga	660
cataatcttg	tatagtaaat	ctaattagaa	tgtctggtcc	tgttttgtga	catttttaaa	720
caggatttaa	tcacaaagaa	taaaaaggct	tgagtttata	cgttacatta	ctataacata	780
taagagaata	tcaaattgtg	gtttgtcaac	aacttgaaaa	ggcaagtaac	aacttttttg	840
ggaagtaaat	tgtgcatttt	tttaaaacaa	gttgcctgat	ttatatccat	ctaagtgtct	900
gacaaaagcc	acatttagat	ttactcctga	aactataaag	attgtctttc	actgactttg	960
ctttgctttc	tttgcgtttc	ttctgtgagg	gaaagatgac	tttttacaag	ttagcaagtt	1020
gctaggcaac	cccaaactcc	tcactcacta	aaaggcagcg	tgcagagtat	cataagcaga	1080
accattccat	gagctcagtg	agaaataggc	agcctaacct	atttcgtatg	gaagaacaga	1140
tgtccttaaa	acttattttg	gacacagaaa	ttaaaatttg	gtttaaaata	agtgtttcaa	1200
aaatctgaaa	cagaggtaga	aagtgttctt	tatttttctt	gacatgtttt	ctcgtgagaa	1260
aacactttcc	tttttatccc	atggactgct	cccagtcctt	aatgttaaaa	gcagttctct	1320
ttatagaact	actaatatac	ctacgttggt	taaaacaaaa	aacactgtgc	tagtgatggc	1380
tgttgtagtg	gaagttggag	tcagccgtga	cccgcgcccc	ctgcaggagc	ccacactgat	1440
tctgaatcag	aaacgagtat	gggtcaggtg	aaataggtag	gcaccctatg	tttacacatt	1500
tcagagcgca	agtataaact	agagtgcacc	atagctccct	gttttaaaata	tcagataaaa	1560
tcatcagaaa	gcgttacttc	tgaagaaaaa	aaaaatgtaa	acatttcccc	catgatcact	1620
gctgactccc	ctcattttgag	gtcttaacta	cgaaaactca	gttcactttt	ctggccctcat	1680
aaaggccaca	gttaagtttt	caggtaaatg	gcatagatgg	atgtagtggt	ttcagccatt	1740
atagacacct	agatacaaga	tatatttagt	gtgaggctat	tgatgtaaaa	gatacagtga	1800
tgtgatttca	ttcgtagtat	tccatgttgc	ctgcattctc	cacaagggac	gattttgcag	1860
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ttttctgttc	ctatttcagc	tcccttttct	ctacataaac	tcttgacact	gagagtggga	1980
gtttttagtg	aacacaggaa	ggagaccaac	aaaccttttt	ccccaaaaaa	taggtgtttc	2040
cagatctcat	tactgttatg	cacacattca	aataaaaacc	aacagagtca	aaagctctct	2100
cccctagtgg	cattaggata	caataatgat	gttaactaaa	agcataggaa	aatttgga	2160
agttaataga	gttaaaattc	tgttggttct	tttctttttc	ttttgcaaaa	cactaccctc	2220
cttctccttc	agcatctgtt	gtgtatatte	tgccttcaca	tctctgccat	gatttcttag	2280
ggaaacgtgt	atattgtaaa	ataagcagat	tataacgtgg	tgccaaacag	aacatctgct	2340
tctatcctca	aagcatgtat	cttaacttat	tcatcctctg	cattagaaaa	taaaagtga	2400
cgcttatgtt	caaaaaagta	caactcatac	aaaagcaaa	gtttaaaagt	tctgtactta	2460
gtgtaacctt	tcaaagggtt	gtcttgatta	gtataaatte	agactctgct	tacccattga	2520
ctataagtaa	ctgttttttg	ttttcaagtc	tttagatgac	agatcatgct	ggagtagatg	2580
tgtctttgct	tgcataaaga	cagctgtgct	atggcgtttt	ttttttta	ctcaaaagtt	2640
aacgtgatcc	aagagagtg	ttttgctaaa	caaactgaag	cacactcgtc	attacattaa	2700
aaggtaagaa	aacaattctg	agagacagca	agcataaagg	gcccagaatc	actgtgcgag	2760
gccacaggtc	aactcaccca	gcggacatat	gtacaccagt	gttgaatctt	taaaattcta	2820
ccccagacca	gtgtctctcc	tgaacataga	ggcaaaaatc	ctccactaaa	tacaagcaaa	2880
tataatccaa	caatgtataa	aaataattat	acaccaagaa	caagtgaagc	tcataccaaa	2940
tacgtgagat	tgactgagca	ctgaaaaatc	agatgatgca	acccatcaga	ttaacaggct	3000
aaagaagagg	aaaatgatata	aacttttatca	atctatgctg			3039

<210> 6875  
 <211> 1919  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1920)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (1621)...(1814)  
 <223> similar to gi733571 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6875

tttttttttt	ttagaaaaat	gaaagctgat	ttttatttta	tcatcaacag	ccattcttta	60
gacatgaaca	tgcatacgta	atattctacg	cacacatcac	agcttttaac	gttagttaat	120
aaagggttaa	cacacaacat	acatccttac	aaaaaaagtc	aaaatgcaaa	cttaaaactt	180
taaacaaaag	tattactaat	ttaaaaaaag	tttgtgttgg	gtaccatttg	tacaacacag	240
ttaatttaaa	cattttcatt	ttgggtgcac	atgaaaaagg	cggcagtaga	aaataaagtc	300
attgaggggt	tttaaatagc	agaataggca	gttttgccat	gcaggagaag	caatattaaa	360
tattagtttc	aaaaaaaatc	cacatttaaa	aatatttagt	tcaagtcaca	gaatttttct	420
cagtagagac	cccaatgcaa	tgcataatta	gctgccttag	atggcccgtt	tgaaaggatg	480
atatcccttc	agagtgtaac	tttactgatt	ttggcacaga	aaagaagtct	taagaacatg	540
attaaaaaag	agggaagagg	aacagaggaa	agaaataaaa	gcaagaataa	atgagatagt	600
aattgcaatc	actaaaaaac	tgcatctcca	gtcattgcag	aatactgtct	tctgtctaca	660
gcagggtgct	attccagaat	tggtattgca	gcatggattt	aatttgcttg	gaggtagtct	720
catcattcaa	atgttttggt	gtgtacctga	gagcatttag	aagaccttcc	acactattag	780
gagggttggtc	cttaagaact	ttgatacaac	ctttcatatc	aattttggaa	gttttagcaa	840
atgctcccac	tggatgtacg	tggtcataga	gtattatgac	acccaccatt	accctcaagc	900
agaatgacac	tgtctcttca	tttgtaaata	tgcttctgta	ttccggtggt	tccagcatga	960
ctctgcatac	actagccatt	gtgcttaaac	aatctgtggt	attttctatt	ggtaaatttt	1020
tattctctga	tacaaatttt	gttgtggcat	cactcaagggt	tttcagcatt	ggagtgcct	1080
cagcataaaa	caaagacatt	cgatttgcca	attcattatt	tacttcattt	tctcctctcg	1140
ccggtacatt	gttaatcctc	atacgactca	atgttcttct	ataatagctg	aaatcattct	1200
gtatggcagg	atttgtcatc	ttgagttcat	caaaccggag	tgtgaaatga	agaatttctg	1260
caaactgttt	agcaagagcc	tgctctcgct	ctagatgctg	ggtgggagaa	tatggggtag	1320
ttgttaaggc	tcccagaaga	cctcttaatg	ctgcttctaa	cctctgagaa	aattcgtaaa	1380
atctctttta	tttgctact	agtggaacaa	ctgcacccca	tgcttctct	tgcaacttct	1440
catctgctgg	atgctggatt	gcctctcgta	ttcgtggcc	agctcctctg	tatgactgca	1500
agtcctccaa	gatgccttct	gcatctttta	atactacatt	cacctgatta	taaatttct	1560
tctcagactc	tgtaggctgg	gcatctgcca	cttttcaaaa	tcaaggaaaa	aatttggtccc	1620
ctgctcaagg	tctgtgcatg	tcaaaaacttt	aagaagattc	cccatgttaa	ggtaccttca	1680
gccagtgtct	gtgattctgt	ccttgctcct	ctatccttgg	attggcggtc	cctctttcct	1740
agttcacttg	ttccagtcct	tcaacttctg	tttcttgcta	acagggtgtgc	aaatgaatta	1800
ccaactgggt	aaccttgaat	gagttaatca	aattccaggc	ctcagtttct	tctccttcga	1860
gaagccgagc	cgccggcgct	cgcacaaaag	gaggcacgct	gntctcgacg	cgcctcccc	1919

<210> 6876  
 <211> 1864  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1865)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (1382)...(1743)  
 <223> similar to gi200543 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6876

tttttttttt	tttaaaacaa	tgtggtactg	gtgtattgac	agtaatgtcc	acgaaacaga	60
atgaaaaccc	ccaaattaca	ttaggtttac	actgggagtt	agcaaaacaa	aagggcagca	120
ttaaccgaca	tacagcacgt	gggaggatgg	tggaaaagct	ggacatgact	cactggacat	180
ttcaactgaa	accacagagg	ttcttgaaaa	tgctggagaa	ttccctgatt	gccttatcag	240
ttacaaaccc	aaattcagaa	tcatgtgaca	gctggataca	ttcaactgta	cgtacaaata	300
atgatcaaaa	aacacaaaag	ttgggtagt	gttaccatag	cttttactgt	agttattcat	360
taagctattc	aactgtttctg	tgcagtttga	tgttttattt	tacaataaaa	agtcaaaaaa	420
aataagcaaa	aagataaaact	ggaaaataag	acttacatct	catatatatg	gacaaaggac	480
caattacctc	caaacataaa	cagctcctag	aaattactgc	aaagatcaac	aaccagtag	540
aaaaatgaat	gaagttccca	gaacagaaaa	cacaagtggc	ccttcaaaaa	aatgaagaga	600
ggctcagcct	cttatggtaa	gacaaagaga	caggatttta	aaaacctagg	cctcttccta	660
gagttccctt	aaatatctag	gccagatcat	ttttacttcc	tggcttagac	cctgccagg	720
gctgcccagc	tactcaggtg	tttgtgtcct	tgtggactca	agtcattattg	tcctgatctt	780
ttggctgagt	acggttttct	cctccagcaa	agacaatttg	gaggatgtac	taagcatgaa	840
gcgctacttc	ctggccccca	tctctcttcg	cacagtgttc	catcatccag	ccatgaaagc	900
acagctgagt	gatccaagag	gcagttccaa	ttgttgacta	acgtgtacct	gcctatgtga	960
gtgtgtccta	tgggaactca	ggccttagaa	tggtttcaaa	gtagtggctt	tcaaaattac	1020
tgtttgcctc	ttcaaacttc	acacctaaag	aaaatggaaa	catgcagagc	agggacacag	1080
aaggggcatt	agctggcgtg	gggtaggggc	aagagctaatt	tgtgaaggaa	gaaggcctga	1140
gatcacgtag	ccatgtcgga	gaacagctgt	gctcgctgcc	ctgcctcttt	gcgcgcagtg	1200
caggcagccc	caggctccag	ctgcttgagt	ttctcttgga	gtccccggag	ctggcttcga	1260
ccccagtcaa	tgcggttctg	gaggctggct	atgtctgcgg	ccagctgcag	gccatcccgg	1320
aagcttgctt	gagcctgacg	tagactgtga	ggaactagga	ttccaaacca	gttcaggggg	1380
tcctgagggg	cctcagagga	ctccggttct	ggggtcttag	tggggccctt	gcgcctccgc	1440
agacctgctt	cgcgaggccc	cacctcctct	ggggcggtga	caccagctct	caccaccttg	1500
aacttctgga	gtccctcctg	ggcctcgctg	gcgtggaggc	agacctgggg	ctccatgtgg	1560
gaagcatact	gcagggggccc	taccgacttg	gcgcccacgc	cgtagcgagc	cttggcgagc	1620
gagagccagc	cctcctccac	ccgggcgttc	aacaccgttc	gtttccccctc	cagctcctcc	1680
aggtcccaaa	gcagctgcag	gaccagcgaa	tccagctccg	ctcgcagggtc	aagcgccgcc	1740
atggacacac	ctccagatct	ggagccacct	tcttcttctg	cacctccgc	agtttggcag	1800
gacanccaat	aggcacacga	gatcctccat	caaggggcgt	tcccagctctg	gggatcccca	1860
nggc						1864

<210> 6877  
 <211> 1910  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (512)...(1234)  
 <223> similar to gi3766377 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6877

aagaacttct	gcaatccttt	tcatgaaatg	atatacaacc	acttcctggt	gtgtcacact	60
tgcctgcagt	aacatgctgt	aagggttgtg	gcataggagc	agtgggcat	accatataat	120
caaggtgtca	catcccgtg	gctggacatg	ccctcttggg	cttggcagat	gccagtggat	180
ccatacaact	gctccgcctg	gtggaatctg	aggtcagtga	cttgcaactg	ttctgtggg	240
cagaagggac	ctgaatagag	aggggttggg	aggaggctgt	gctgatacag	acatttttct	300
aaaacgatct	ctcttcaatg	gtgagctata	tataaacgtt	ctaagataat	gtggagtcta	360
tttttaagtt	gtattgcgtt	ctacatccaa	ctccaagagg	aagtcacctc	atgtgtcacc	420
agcagaagg	ctgaagtga	aggatgttca	ttgacctgtc	agtggatctg	aaagttctct	480
aaggagagcc	tgggcaagca	ttcttaggtt	gatgctggg	cccagagtag	cagtgagcat	540
cctgtgtgaa	gatggcattt	ctcactgatt	attggaaaag	cactagaaga	gccacgtgct	600
ggagccattg	tccagccttg	ccctggagga	gcagtgtctg	gctttgtccc	tagattggtc	660
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tgtgtattca	gggggagcag	atggccttct	gaggggctgg	gacaccagg	taccggcaa	900
atttctcttc	accagcaaaa	gacacacat	gggtgtgtgc	agcatccaga	gcagccctca	960
tcgggagcac	atcctggcca	cgggaagcta	tgatgaacac	atcctactgt	gggacacacg	1020
aaacatgaag	cagccgttgg	cagatacgcc	tgtgcagggt	ggggtatgga	gaatcaagt	1080
gcaccctttc	caccaccacc	tgctcctggc	cgctgcatg	cacagtggct	ttaagatcct	1140
caactgccaa	aaggcaatgg	aggagaggca	ggaggcgacg	gtcctgacat	ctcacacatt	1200
gcccagactcg	ctggtgtatg	gagccgactg	gtcctggctg	ctcttccgtt	ctctgcagcg	1260
ggccccctcg	tggctcctttc	ctagcaacct	aggaaccaag	acggcagacc	tgaagggtgc	1320
aagcgagttg	ccaacacccct	gtcatgaatg	cagagaggat	aacgatgggg	agggccatgc	1380
cagacccag	agtggaatga	agccactcac	agagggcatg	aggaagaatg	gcacctggct	1440
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ggggaactga	gcttgaaatc	atgaagcccc	ttcccacaag	gaaaccagga	gggagactgc	1620
gagtgagtg	ccgggaccac	ctcatcagag	atgcttactg	cagccctgca	ggtgcctgtg	1680
cactgatgga	atccacagt	tagtcagaaa	agctgttgac	ttctcttaaa	tcagcttccc	1740
tgctgggccc	ctgaaagtgg	actgggtgat	tctgtctggc	agagagtggg	gaaaagacgc	1800
ggtttccagc	ttgcagattt	gttaagtttc	tcaggcagat	tttgactttc	agcctttcat	1860
acttgtttaa	gcaactat	gtattaaatg	aagttttttg	aaaaaaaa		1910

<210> 6878  
 <211> 1978  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1912)...(803)  
 <223> similar to gi3236353 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



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<400> 6878
accctgcag tacggttgcg gacttccgcg gtaccagccc ggcatccag aatagacca 60
cgcgtccgcc cacgcgtcct cggacgcgtg ggcaaaagtt tatctctttc tttagtagct 120
ttgctcctat aacttgcaag agtctgttta ttaccaacat tgcctcttg actaatatgt 180
aggatthttg aagtcctccc tccatcacat caaatgggtt ttgctaattg acatgttaac 240
agtgtggatg gagaaactat tatcatcagt gatagtgatg attcagaaac acaaagctgt 300
tcttttcaaa atgggaagaa aaaagatgca attgatccct tactattcaa gtataaagtg 360
caaccacta aaaaagaatt acatgagtct gctattgtta aagcaacaca aatcagccgg 420
agaaaacacc tattttctcg tgataaacta aagctttttc tgaagcaaca ctgtgaacca 480
caagatggag tcattaaaat aaaggcatca tctctttcaa cgtataaaat agcagaacaa 540
gatttttctt atttcttccc tgatgatcca cccacattta tcttcagtcg tgctaacaga 600
cgaagaggga gacctcccaa acgaatacat attagtcaag aggacaatgt tgctaataaa 660
cagactcttg caagttatag gagcaaagct actaaagaaa gagataaact tttgaaacaa 720
gaagaaatga agtcactggc ttttgaaaag gctaaattaa aaagagaaaa agcagatgcc 780
ctagaagcga agaaaaaaga aaaagaagat aaagagaaaa agagggaaga attgaaaaaa 840
attgttgaag aagagagact aaagaaaaaa gaagaaaaag agaggcttaa agtagaaaga 900
gaaaaggaaa gagagaagtt acgtgaagaa aagcgaaagt atgtggaata cttaaaacag 960
tgagagtaaac ctagagaaga tatggaatgt gatgacctta aggaacttcc agaaccaaca 1020
ccagtgaaaa ctagactacc tcctgaaatc tttggtgatg ctctgatggg tttggagttc 1080
cttaatgcat ttggggaact ttttgatctt caagatgagt ttctgatgg agtaacccta 1140
gaagtattag aggaagctct tgtaggaaat gacagtgaag gccactgtg tgaattgctt 1200
tttttcttcc tgactgcaat ctccaggga atagctgaag aagaagagga agtagccaaa 1260
gagcaactaa ctgatgctga caccaaagat ttaacagagg ctttgatga agatgcagac 1320
cccacaaaat ctgcactgtc tgcagttgca tctttggcag ctgcatggcc acagttacac 1380
cagggtctga gtttgaaaag tttggatctt gatagctgca ctctttcaga aatcctcaga 1440
ctgcacatct tagcttcagg tgctgatgta acatcagcaa atgcaaagta tagatatcaa 1500
aaacgaggag gatttgatgc tacagatgat gcttgatggt agcttcggtt gagcaatccc 1560
agtctagtga agaaactgtc aagcacctca gtgtatgatt tgacaccagg agaaaaaatg 1620
aagatactcc atgctctctg tggaaagcta ctgaccctag tttcaactag ggattttatt 1680
gaagattatg ttgatataat acgacaggca aagcaggagt tccgggaatt aaaagcagaa 1740
caacatcgaa aagagaggga agaagcagct gccagaattc gtaaaaggaa ggaagaaaaa 1800
cttaaggagc aaagctacta aagaaagaga taaacttttg aaacaagaag aatgaagtc 1860
actggctttt gaaaaggcta aattaaaaag agaaaaagca gatgccctag aagcgaagaa 1920
aaaagaaaaa gaagataaag agaaaaagag ggaagaattg aaaaaaattg ttgaagaa 1978

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<210> 6879

<211> 2474

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (210)...(1181)

<223> similar to gi4589544 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 6879
agtaaact gaccctttcc ccctttgctg ctacctaggg agatgccagc cccaaacctc 60
atccctagtg gaggccttgc tgatgtggaa gtggccaggg ccctcatgga ggctgggag 120
aagcccaaga gcaggctcta aagctgccaa acccggcagc cctggtcccc ggaggctctt 180
gccagtctga cagtgttctt ggcaactgctc agaggtccca gcagctgggg ttccccctca 240
gcccgtagc agccatgtcc aaccccagcg cccaccacc atatgaagac cgcaaccccc 300
tgtaccagc ccctccgccc cctgggggct atgggcagcc atctgtcctg ccaggagggt 360
atcctgccta ccctggctac ccgcagcctg gctacgggtca ccctgctggc taccacagc 420
ccatgcccc caccacccg atgcccata actacggccc aggccatggc tatgatggg 480
aggagagagc ggtgagtgat agcttcgggc ctggagagtg ggatgaccgg aaagtgcgac 540
acacttttat ccgaaaggtt tactccatca tctccgtgca gctgctcatc actgtggcca 600
tcattgctat cttcaccttt gtggaacctg tcagcgctt tgtgaggaga aatgtggctg 660
tctactacgt gtcctatgct gtcttcgttg tcacctacct gatccttgcc tgctgccagg 720
gaccagacg ccgtttccca tggaaacatca ttctgctgac cttttttact ttgccaatg 780
gcttcatgac gggcaccatt tccagtatgt accaaaccaa agccgtcatc attgcaatga 840
tcatcactgc ggtggtatcc atttcagtca ccatcttctg ctttcagacc aaggtggact 900
tcacctgtg cacaggcctc ttctgtgtcc tgggaattgt gctcctgggt actgggattg 960
tactagcat tgtgctctac ttccaatacg tttactggct ccacatgctc tatgctgctc 1020
tgggggccat ttgtttcacc ctgttcctgg cttacgacac acagctggtc ctggggaacc 1080
ggaagcacac catcagcccc gaggactaca tcaactggcg cctgcagatt tacacagaca 1140
tcatctacat cttcaccttt gtgctgcagc tgatggggga tcgcaattaa ggagcaagcc 1200
ccatttttca ccgatcctg ggctctccct tccaagctag agggctgggc cctatgactg 1260
tggtctgggc tttaggcccc ttctcttccc cttgagtaac atgcccagtt tcctttctgt 1320
cctggagaca ggtggcctct ctggctatgg atgtgtgggt acttgggtggg gacggaggag 1380
ctagggacta actgttgtc ttgggtgggt tggcaggggac taggctgaag atgtgtcttc 1440
tccccgccac ctactgtatg acaccacatt cttcctaaca gctgggggtg tgaggaatat 1500
gaaaagagcc tattcgatag ctagaaggga atatgaaagg tagaagtga ttcaagggtca 1560
cgagggtccc ctcccacctc tgtcacaggc ttcttgacta cgtagttgga gctatttctt 1620
ccccagcaa agccagagag ctttgtcccc ggcctcctgg acacataggc cattatcctg 1680
tattcctttg gcttggcatc ttttagctca ggaaggtaga agagatctgt gcccatgggt 1740
ctccttgctt caatcccttc ttgtttcagt gacatatgta ttgtttatct gggttaggga 1800
tgggggacag ataatagaac gagcaaagta acctatacag gccagcatgg aacagcatct 1860
cccctgggct tgctcctggc ttgtgacgct ataagacaga gcaggccaca tgtggccatc 1920
tgctcccat tcttgaaagc tgctggggcc tccttgagg cttctggatc tctggtcaga 1980
gtgaactctt gcttcctgta ttcaggcagc tcagagcaga aagtaagggg cagagtcata 2040
cgtgtggcca ggaagtagcc aggggtgaaga gagactcggg gcgggcaggg agaatgcctg 2100
ggggtccctc acctggctag ggagataccg aagcctactg tggtagtgaa gacttctggg 2160
ttctttcctt ctgctaacc agggagggtc ctaagaggaa ggtgacttct ctctgtttgt 2220
cttaagttgc actgggggat ttctgacttg aggccatct ctccagccag ccactgcctt 2280
ctttgtaata ttaagtgcct tgagctggaa tggggaaggg ggacaagggt cagtctgtcg 2340
ggtgggggca gaaatcaaat cagcccaagg atatagttag gattaattac ttaatagaga 2400
aatcctaact atatcacaca aagggatata actataaatg taataaaatt tatgtctaga 2460
agttaaaaaa aaaa 2474

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<210> 6880
<211> 1528
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1529)
<223> n = a,t,c or g

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<220>  
 <221> misc\_feature  
 <222> (238)...(539)  
 <223> similar to gi1945332 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6880

cggacgatcc	acgcgacccg	ccgcgcgggc	gcgagtccca	tgcacgcggc	aatagtttgg	60
agactagctg	aagcaaataa	gcaacatgta	agatgtcaga	aatgcttgga	atttggacat	120
tggacttatg	aatgcacagg	aaaaagaaaa	tacctacata	ggccctcaag	gacagcagaa	180
ctaaagaaag	ctttaaaaga	aaaagaaaac	agattattat	tgcaacaaag	cattggagaa	240
accaatgtag	aaagaaaggc	caagaaaaaa	aggtctaaga	gtgtaaccag	ttccagtagc	300
agtagcagtg	acagttctgc	cagtgtattct	tcatcagaga	gtgaagaaac	atctacctct	360
tctctctcag	aggacagtga	cactgatgaa	agctcctcta	gttctctcat	ctcagcctcc	420
tccacaacct	cttctctctc	ctctgattca	gactcagatt	ccagctcttc	cagtaagcag	480
tagcaccagc	acagatagca	gctctgacga	tgaaccacca	aagaagaaga	aaaagaaata	540
gagttgctcc	attcatattg	gaccgatgga	ctgaaaacat	tgatgtgatt	cttgaaaggg	600
aattttagaat	atgttaaggc	caagtagggt	aactggtgaa	catttctaga	attcaaaagt	660
ttctaaatgt	tttacattgt	aagagcatag	agaatattta	ataatggctt	atagagagag	720
acttttattt	gaagggtgaa	tcttggtttt	tttatcttta	aaatatatct	ctagaactta	780
aagctgaaaa	tatgcgtatc	tgtttggtgt	atgaaactat	cttttctctc	tgtgaaataa	840
atgccatact	ttgttatata	tgttagtggg	atgtatcaga	catattttca	ggatgggtgcg	900
tcaggatata	tggcagtgga	tttctaattgc	ttttggctgt	atgttatgta	agatttaata	960
tgttgttact	gtaagcttag	gagttttcct	actattaata	aatgtgctct	atttttacat	1020
ttatgttcag	aaagttatct	gactttttgt	cctaagtggg	atgttcaagg	agcctattaa	1080
tatatattata	gtttttgaat	gctgtaagtt	tcaaattgct	gtgttacgtc	attcattttc	1140
ttctggttcc	ttaagttttt	caagttatcc	ttttctgagg	aaaattattc	tagaggaacc	1200
taaaaaggga	caaaaaaatt	gaaacttctt	aggagtctaa	tcttggtgcc	ttctgttaaa	1260
agtcagtgtg	tcagaaaaga	aagcagccat	gtaagaggct	aacttaagta	gaagtgctag	1320
aaatatcttt	gtgtattaac	atgcaataaa	aggtaccatt	caaagcaggg	ggaaaggtag	1380
ggaaggaagg	aggtaatttt	tactggaaaa	ttaggggcan	tgttgggtcg	ccttttattt	1440
aaaagctttt	ttttaaggct	ttcataaagg	attgcntttt	gcccattttt	tggaaanatg	1500
ggntttatag	gtttgtangg	ggnaccgc				1528

<210> 6881  
 <211> 805  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (778)...(477)  
 <223> similar to gi5104315 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6881

tttttttttt	ttaaaaacaa	caacaaacca	ctttaatgga	cacataaaat	ccctgggggt	60
ctcattgcaa	tgcagatttg	gattaaacag	tctgggtggg	tcctgagacc	ctgatcccct	120
tgcttttcac	ctatggccac	atthttgagaa	gcaaggccac	tcaaagggcc	cccatctgtg	180
tgaatcaacc	cctgctccat	ctgcccctat	aaatgacagg	agtgggggtg	tcccaggtc	240
tgagcctgga	gggggttgca	ggcttcctcc	aggcatggaa	gtggagttag	aggaggctgt	300
agttaaaccg	gttactctgt	cagcagacac	agaggagacc	agaatagctt	ttatttcaca	360
tgaagctaag	gaaggaagtc	gagaggacag	ggctggttct	gtgggcgctg	ccctggcagg	420
tgcaccacct	ccaactgctg	ggctccagct	ccagggtctca	gaagccatct	ccgagaaggt	480
cgggagcggg	gctgaagggt	cccgggggca	ggttccaggc	cagctcctcc	agcaggccca	540
gcaggccttt	cacctctgtc	cccagggtgat	ccacggtctt	ctctaccatc	tcctccatga	600
catctagacg	gcgttgacac	gccatgtgtc	tgtcacacgc	tgtgctctga	gctgagtctc	660
ctcgcgagag	gctgaagggt	tcggcagcgg	ccaaagagcc	cgcggcgcg	agcagggccca	720
gtccgggtcag	cgcgcagagc	aggggcccga	tggtgccggc	ctggccgagc	gcagcgccgc	780
gtctgccccg	agccgccctt	cccgg				805

<210> 6882  
 <211> 1134  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (11)...(458)  
 <223> similar to gi3152662 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6882						
gctgaggccc	agcatggccg	gcccgggccc	caccttcccg	ctgcaccggc	tcgtctgggc	60
gaaccggcat	cgcgaactgg	aggccgcact	gcacagccac	cagcacgaca	ttgaacagga	120
ggacccccgc	gggcggaacc	cactggagct	ggccgtgtct	ctgggaaacc	tggagtctgt	180
gagagtgtct	cttcgacaca	atgccaacgt	gggcaaagag	aaccgccagg	gctgggcagt	240
cctgcaggag	gcagtcagca	ctggagaccc	cgagatggtg	cagctggtgc	tccagtatcg	300
ggactaccag	agggccacgc	agaggctggc	gggcattccg	gaactgctca	acaaacttcg	360
ccagcccagg	gtcacgtagg	aaagagagac	ggccaggctc	acgtgggaga	gactggaccc	420
tttggaagag	aagccttgcc	agctttgggc	ctcctgaaga	atgcagatta	cctggagcag	480
ggacttcagg	ttgactcggg	ggattatggc	ctgaaaccct	ggaatacttg	ctactacgca	540
cccttctgga	agcacacgga	ggggcctggc	tggcagagca	tactatctca	tacccccctac	600
cccaggagca	ggctcggagg	gagccactgt	gcccccttta	cagagtagga	ctctgagacc	660
cagtggaaac	aaaggctccc	ccagggtctc	gcacaggctc	atggccagggt	tgaggctggc	720
cctccacctc	caggtgctta	cagcctcatt	gtctgaagac	cactgtagtg	ccccacttgg	780
cccacctctc	ccagggcaga	gtggttgggc	gtagctgagc	catagcagtg	cgtcaagact	840
tgatgaaggg	ccaggcggtg	tggcttactc	ctgtaatccc	agcgctttct	gaggccaaag	900
tgggcggatc	acttgagccc	aggaggtgga	gaccagcctg	ggcaacatgg	tgaagccgt	960
ctctacaaaa	agtacaaaaa	ttagctggga	gtggtggcac	acacctgtgg	tcccagctac	1020
tcgggagggt	gagggtggaag	aatcacctga	gcccagggtg	gcagagggtg	cagtgagccg	1080
agattgcacc	actacactcc	agcctgggtg	acagagcaag	tctcaaaaaa	aaaa	1134

<210> 6883  
 <211> 1828  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1406)...(1647)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6883

cagctattaa	aatttagaaa	ctactatagt	taaaattttg	caattattag	caaaagaaca	60
aatagataaa	attagagaac	ccagaaacag	gctaggtgtg	gtggcttaca	cctgtaatcc	120
caagtagctg	ggactacggg	cgcataccac	cacacctggc	taattttttt	atttttagta	180
gagatgaggt	tttgccattt	tggccagggt	ggtcttgaat	tcctgacctc	tggatgacca	240
cctgcttttg	cctcccaaag	tgctgggatt	ataggtgtga	gctaccacac	ccagccttgt	300
gacagtgatt	cttatctcat	agtgcaaaag	atggcatttg	gatgggagat	aatagttcag	360
aaaagttcca	ttctacagca	actcacaatt	tgaggaccat	agttctaaga	aatatccaca	420
aagtcagttg	aactatgatt	tttagctact	tgccatataa	agttttgctg	gtaagtaatg	480
acttaaatcc	ataacttttc	aaaaacataa	gccttacttc	aaaagcatta	tttgtacatt	540
gtagaaaatt	agaaaataca	gataatcatc	tgccgtaact	ttcccaaaaa	agagaaaata	600
cagataaaat	attaaatgaa	aataattctta	ccacctacag	gcgaccaatt	ttaatatctc	660
cataagtctt	ccccagctct	atcttttgac	ttaaatagga	tcataattta	ctattgtctt	720
gtaacttgcc	attttcattt	aataacctcc	atccttcctg	gtcaaaataa	tttttcacct	780
cttctcttac	ttagtctata	ttcagatgta	aattgttcat	ctcttatatt	tcccataagt	840
gaaagttagt	cctagacttg	aagcctttat	tagctgtaag	ttcagcaaaa	tgcccttcag	900
agccagtttg	tcaaagccag	catccagtct	ggagaatgca	cctggcatat	ggttgtgtcc	960
tttaattccc	tttcaatcta	gtggagttct	ttttttcatg	atactgactg	aagagattgc	1020
acagtttttg	ttttaagtac	agagacgtag	tacatttctt	aataataaat	gtttaacttt	1080
tgtgtgtttt	aacctaat	gtttttttat	ttttaaattt	atattttatt	tcagcaaac	1140
aagctatcga	tcagggaaga	tctccagtta	taatagataa	cactaatata	caagcttggg	1200
aatgaagcc	atatgtggaa	gtggtaaata	tgaaacatga	gaaagttttt	attttttatt	1260
cttgtcaatt	ttttcacatt	ctaaaatttt	ggctgggttg	atcttgatta	ttaaaacatt	1320
tgtcctttgt	tttctaaaga	ggtttgttgg	tttgcttagt	ttttaaaaaa	attgtgaatg	1380
atgtttttta	aggaacatgt	tcatcttggt	aatttttggt	tgtttttttg	agacggagtc	1440
tcgctctgtc	acccaggtcg	gagtgcaagt	gcaccatctt	ggctcactgc	aagctccgcc	1500
tccccagttg	aagcgattct	cctgcctcag	ccacctgagt	agctgagatt	ataggtgcct	1560
gcccccatgc	ccagctaatt	tttgtatttt	tagtagagac	agggtttcac	catgttggcc	1620
aggctggtct	cgaactcctg	agctcagccc	atctgccgtg	ctcagcctcc	caaagtgtcg	1680
ggattacagg	catgagccac	cacgcccagc	ctcatattgt	tttgactttc	cttaaggata	1740
gtaatcttaa	ggaattacta	ttccttgaga	atagtaatca	aaatttatcc	ggttaaatag	1800
tcttaactgt	tataaacat	attatttt				1828

<210> 6884  
 <211> 1097  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (319)...(47)  
 <223> similar to gi522145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6884

cgtggaattc	agcacttttg	gaggctgtgg	caggcggatc	acttaaggcc	aggctggtct	60
caaactcttg	acctcggata	atctgcctgc	ctcgacctcc	caaatgctg	ggattacagg	120
cgtgagccac	cacgcctggc	cttttaagtt	tctctgtaaa	ttaatagtga	gacatgaatc	180
atttattgca	ggtagcctta	ggttagggtg	tgtggaggat	agggcataaa	tagagatggc	240
tcctgccctt	tacgaagcat	cagtctgttg	gggcacatga	ggcatgtact	tgaataactc	300
tagtacaagg	tagaatattg	ttagtggctt	aaggaaaatt	tggacaaact	atgggagatg	360
agacaaagga	ggaaaagtaa	tcctgcataa	ctgtaggcat	tagaaacaga	gactccccctt	420
gctttatctc	taaattagaa	tcacaaatgc	gtaatctttt	cagggtaaaa	atgtgtcatc	480
tttaaagtct	gtttcagata	tattttaaat	tactatttta	aatgaattca	tatggaaaag	540
tcgtgggagc	ttaaggcctt	gtttaaaagg	gaaaaaacia	ctgagtcctt	ttagattaat	600
caaaaactat	cctcttcctt	tggagaggag	agagtgtttg	tcacacgcgg	aatgaagtgc	660
catgttcttt	gaggcacgat	ttgtatgcc	tggggaggag	ggagtccgtt	caagagaatg	720
gattccctga	caagctacgt	ttgccagaat	attccaagac	atgttttaga	agctacctat	780
ggcattaaca	tcataacgcc	tagagaggat	gaagatcccc	accgacctcc	aacatcggaa	840
gaactgttga	cagcttatgg	atgtaagttg	tgattcatca	gaaaatgtga	acaaaagtaa	900
cagtatacct	aatgaataga	aataagaata	gtaatagtac	tagaattgct	gttctgcaaa	960
gatacacatt	tataatattt	cttcagcatt	tttcaagcca	tctttcgtct	ctgtgggcct	1020
tgctacaaa	gtaacctaaa	gtgcaaaaag	cttttaggac	gtttgctgct	ttgatgggtac	1080
ccacgtgcag	cacaggg					1097

<210> 6885  
 <211> 1529  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1530)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1258)...(771)  
 <223> similar to gi2443886 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6885

gcggccgcca	cctctcccca	gccagaggaga	cggctgcgga	gccgcagccg	cccagaccgc	60
gcagcgcggg	aggcaggttc	cgcacgaaat	aatcagaat	gagttatgca	gaaaaaccgc	120
atgaaatcac	gagaagatga	gtggatggaa	aagctcaata	acttgcatgt	ccagagagca	180



cagggcctga	ccctttgctt	tcatcgtcag	cttttctgtc	ctgctcgggc	aggattaact	900
ctgttcttgc	cgcggatgtc	accatcactc	tggagtcacg	cccagtgccc	acaggcccga	960
tcagttcacc	ctcttccttc	tcttcagggg	agaaactttc	tcgggcatca	aaaaacgtga	1020
ttgtttcttc	ttgaagtttt	tgttcttcca	gctctgcccc	atcttcggtg	cttttgcttt	1080
tcttggttag	agatgaggag	aaccctaatt	tgggaaatcg	gaaccagcct	gccttctcct	1140
gttttttagg	cagttctgcc	tctggctgtg	cctcaggctg	tgtttgaatg	ggagcagatc	1200
tctggacgtc	atttttggaa	tcaacacctg	tctcatcaac	agaagaggaa	aacccaatgt	1260
ttggaagcca	aaaccagagc	agaccagatt	ttttactttc	tggtttgtct	tttggaagccc	1320
tgcttcatc	tgccagtggg	gtggttgctt	cttggctatc	atcaggggga	aactcaagaa	1380
tttctgctgg	ctcctcatct	gaacagctgt	ctgcaagctg	gtggccagaa	ggaacttcaa	1440
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cagtgtcagg	ctggagatct	ccagaaatgg	agtctactcc	tggggtggct	tgtatgggag	1560
cctcttctgt	gccctcctga	gtcctagagt	gttgagtcac	tgttgtgtac	actctagcct	1620
gcgtgtgggg	ctctgggatt	ttcactttta	ataaggaaaa	tccgtacgaa	ggtgtttgaa	1680
tctctgacgt	ggggatctct	gattcccgc	caatctgagt	ggaaaaagtc	ctgggtactg	1740
agagatctac	aaactctggt	gtcactatgc	tgtgtatagt	gacctcttga	ctttcaacct	1800
gagcacctg	aatatgcact	ctgacctttg	aaattggggg	agcttccaaa	ggcaggttaa	1860
ggtccacagg	ctgctcccca	gggaccccag	cacctgcctt	caggatgctg	gctcccaga	1920
gcccggaat	ttccttacaa	agggctgtat	caatattggc	ctctggacac	tgcacttccc	1980
tcacagtggg	gatgaacaca	tcatcctctg	agctgggggc	agcgaaggag	aaccttggt	2040
ccattaattt	ggggaaattg	acagttagga	cagaatcttc	ccacagttga	tccacattaa	2100
ccacagaaat	ctgggatggc	atatcagtac	ttgaagcttt	caatttaagt	ggaccttcag	2160
gctgggaaga	ccatttctct	gcc				2180

<210> 6887

<212> DNA

$\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (126)^{-} \dots (957)$ 

<223> similar to gil81987 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6887



```

gttctggagg ctaaccttgg ttcctggaga gtgtgcccct ccaccctccc tccagcagcc 900
ctgatcacac catgagagcc aggaacgggt caccctgctg aagatcactc tgtgccctgg 960
gggaggagcc aagccctcac cccacaaggg gcaggtgggg gcttgggttg tgaccgggcc 1020
caagtcccca cagagcacct tctgtagctc cagcttgtct ccctggcttc tctttgaagg 1080
agaaaaatgt aaaatatgca ctgagaaaagc cagccccgcc tgcttagtca gccccggcag 1140
cagggcagcc atgggaactc aggaaaagca ggaacccttt caaaagccc agagatgccc 1200
tgggctcaga tctgtaattc tcccaggagc tgtgatagag caggccacac aaagtcccta 1260
cgctccctg ctgcctcccc cagatgcatg tgatggcatc accattcccc aaattgaata 1320
tcagcatgcg gcctgaccag ggactcttta gatgcatgaa tttatttata tgaaggctct 1380
cacagagaca cacacagcac ttcagtagca tttgcattcc tggttaaaga atcaccaata 1440
tttaaaataa aaactttcct gaaattggga ctgtcatgtt atccagaagg gctggtacat 1500
ccgcccacca tgtccccctg ctgggtcagg agccaacaca ggaccctgcg tgtgagcgtg 1560
cctgacatct cacgcacggc cactccagag ccggtccctg tccttggaag gctgtgaagc 1620
cttgcggtga gttccttctc gatactgacg gctccgtgct gacattctga gctctggagt 1680
cacaccagcg caggggctg gaggaactga ggtttggaag gaatgccagg tctcgcacag 1740
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cacacaaggc ccaagcacca ccgtcaacac agcccagtc atacagaaat gggtttcatg 1860
cctgaaaagc tttttacaga aagatgccgc ctgtagccag tgacagccgc aaccctacag 1920
gcctcagttc cttgcagagg tgaggggtag agagtcagcc tccctccctt ccagcagcga 1980
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ctgaaaaccc acaggatccc acctccaggc ccacctgggt cccatctcac tctcttcttc 2100
tttcaccaat tgctaacata gaccttggtg ggatcacgat ggcttcacaa gccagctggt 2160
gggtttgcta tgtcactgtg gctcagtcac atccctgcgt gtatactgtc tgcggggcac 2220
atatgtatcc atttagagct aaaggaatca gtgtacacta cagctaatac taataaatcc 2280
gatgttttcg gaaaaaaaaa a 2301

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```

<210> 6888
<211> 1130
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(556)
<223> similar to gi807646 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6888
tttcgtctgg cggccgggta agggctctgag tggatctcct gccaggccag agcgccttcg 60
ggggccgcgg cggaaggcca ggagtttgca gccaggggcg cgggtttgtg gtctgcagtg 120
tcgtgaggct gaggtgcagc atgtctagac tgggagccct ggggtggtgc cgtgccgggc 180
tggaactgtt gctgggtacc gccgcgggcc ttggattcct gtgcctcctt tacagccagc 240
gatggaaacg gaccagcgt catggccgca gccagagcct gcccaactcc ctggactata 300
cgcagacttc agatcccga cgccacgtga tgctcctgcg ggctgtccca ggtggggctg 360
gagatgcctc agtgctgccc agccttccac gggaaggaca ggagaagggt ctggaccgcc 420
tggaactttg gctgaccagc cttgtggcgc tgcggcgga ggtggaggag ctgagaagca 480
gcctgcgagg gcttgcgggg gagattgttg gggagggtcc atgccacatg gaagagaacc 540
agagagtggc tcggcggcga aggtttccgt ttgtccggga gaggagtgc tccactggct 600
ccagctctgt ctacttcacg gcctcctcgg gagccacgtt cacagatgct gagagtgaag 660
gggggtgagt tgtctctctt ggaggcagtt atggctacag ccaggttgtg ttttgtaaaa 720

```

gtattatcaa	tggaaaattc	aaaccaagct	gctgcaaattg	atTTTTtgga	caggtaagag	780
tataataaat	acagaagagt	tgaacaaaa	aacccatcca	atttatgtca	ttcagacaaa	840
tgtagatggt	aatagcagtt	attgcttgca	tctgttatct	tagtttatta	catagttatg	900
atatattatt	tgggcatttt	tctgtgttat	cacaaggact	tgataagcat	tgtttgactt	960
tgttcctttc	cttggttggc	tgagctggta	tacggagatg	tctaagcacg	aagcatgctc	1020
ctccctggga	gtcacctctc	tcccacaggg	gagccttgcc	tgtgatcctt	tgcattttta	1080
caggtgggag	gtggatgtcc	tgagttctca	gtggcccagg	agggctgacg		1130

<210> 6889

<211> 1396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1318)...(1348)

<223> similar to gi5354051 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6889

caaaaatatt	acgttgcaag	cccgcgtaaa	ctttgggccc	ccgaagggtt	ctttaaaacg	60
ggcgcccctt	ttttttttt	ttgtattcta	atgctattta	ttatcacaat	aaataattca	120
ctgcaaatga	ctgcatgaaa	aatgtgggtt	ccagagcacc	atgtataaaa	tgatcccatt	180
tatgtagaac	tgtaaacata	catccacaca	ctgacggaca	ggtacatatg	catgtttggg	240
gaggggtctg	gaatgatcac	ccaagtggac	aggggtgagg	gtggtttcct	gtatttttta	300
caataagcat	ttatgacttt	tacaaaatca	ccaaagctat	cactttttcc	atttagaaaa	360
cacaaaatta	tttttaata	gagacttgac	gtcatttgac	acaccttggt	tttctctcgg	420
agagcacaga	tgccgcagac	aagaggagcg	gacccgcctc	ccagactcct	gcctgccccg	480
tccctccccc	gcaggtggca	ctgggtgagc	gggaaggggc	tgccagcccc	aggatgcctc	540
gcacagcccc	ggctggaaac	ccctgcccct	gcttctctgc	acagtctgtc	attctagaag	600
gctctctcca	aaccactctt	ccaaagaggg	tcatgccagg	gaacagcagc	gaggtcattt	660
tccagtcatc	ccacaggaag	ccagtgaacc	ccactcccac	tgccgtggac	ctccaggcct	720
ggcttccctc	tcttccctgg	gttacctgct	caggggtttc	tcagccaggc	cagcatgtct	780
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tgtggatgcc	cacgggtggc	cccattatgc	cttgagcagg	gcaacctttt	ggtccagaat	900
ggagtcttct	ctgatgttgt	agggctgggt	ccctggctcc	tgccctcagg	gcttctctgc	960
ttcttccagg	gtagagaagt	actggaaccc	cttcagggtc	gcggacagca	ggacacggag	1020
aacggggacc	tgaggcccca	caaaggccag	ggcgacgccc	tgcttctgga	agtccctggg	1080
gagctcgccg	agtcccagca	ccacagtgtg	gtcgatgctg	cagacatggg	tgactccag	1140
gaccaggcag	cgtggcgggg	acacttccag	ggcccggtt	aggatctcct	cccgcagagc	1200
ctccatggca	gggaaggaca	ggccgctggc	cggctgcagg	accagaaccg	gccccctctga	1260
caccttggtc	tcaggcctgg	ctgcagagtg	caggagcatg	agcagagaca	ccagggcccc	1320
ggccaggatg	ccgtactgca	cctcccagaa	gcacagcagg	aaggtcacgc	acaggggcag	1380
caggtccagc	ctctcc					1396

<210> 6890

<211> 2659  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (219)...(320)  
 <223> similar to gi4589612 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6890

tttcgtgccg	gtcagccgca	gacactcacc	cagctccgcg	agctcagccg	ctcagcgagt	60
ggggtagcgg	ggaccgagac	ggacggtagc	cgtgccagag	cccggggcgc	tctcggatgc	120
ggcaggacaa	gctgaccggg	tctctgaggg	gcggggggag	atgcctgaag	cggcagggcg	180
gcggcggtgg	caccatcctg	agcaatgtgc	tcaagaagcg	cagctgcatt	tcccggaccg	240
cgccccggct	gctgtgcacc	ctggagccgg	gagttgatac	caagttgaaa	ttcactcttg	300
agccatcttt	aggtcaaaat	ggttttcagc	agtggtagca	tgctctcaag	gcagttgcca	360
ggctatccac	aggaatacca	aaggaatgga	ggagaaaggt	ttggttgacc	ttggcagatc	420
attatttgca	cagtatagcc	attgactggg	acaaaacccat	gcgcttcaact	ttcaatgaaa	480
ggagtaatcc	tgatgatgac	tccatgggaa	ttcagatagt	caaggacctt	caccgcacag	540
gctgtagttc	ttactgtggc	caggaggctg	agcaggacag	ggttgtgttg	aagcgggtgc	600
tgctggccta	tgcccgatgg	aacaaaactg	ttgggtactg	ccaaggcctt	aacatcctgg	660
ctgcaactaa	tctggaagtg	atggaaggca	atgaagggga	tgccctgaaa	attatgattt	720
accttattga	taaggtaact	cccgaagct	atttcgtcaa	taatctccgg	gcattgtctg	780
tggaatggc	tgtcttcaga	gaccttttaa	gaatgaagct	gccggaatta	tctcagcacc	840
tggatactct	tcagagaact	gcaaacaaa	aaagtggagg	tggaatagag	ccccactta	900
caaatgtctt	cacgatgcag	tggtttctga	ctctctttgc	cacatgcctc	cctaatacga	960
ccgttttaaa	gatctgggat	tcagtcttct	ttgaaggttc	agaaatcatc	ctaagggtgt	1020
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tctacagcac	catggggcgc	cttaccacag	agatgctaga	gaatgatctt	ctgcaaagcc	1140
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tgagggaaaa	atacacctac	aacattacac	cgttcccagc	cacagttaaa	cccacctcag	1260
tttctggacg	acatagtaag	gccagagaca	gtgatgaaga	gaatgaccca	gacgatgagg	1320
atgctgtcgt	taatgcagtg	gggtgtcttg	gaccttttag	tggtttcctg	gctcctgaac	1380
tgcagaagta	ccaaaaacaa	attaaagagc	caaatgagga	gcagagtctg	agatctaata	1440
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ttaacagtat	gatgatggaa	cgcatgacca	cagatatcaa	tgactgaag	cggcagtact	1560
ctcgaattaa	aaagaagcaa	cagcagcagg	ttcatcaggt	gtacatcagg	gcagacaaaag	1620
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atccgggctg	tggggacacc	gtagggctga	tagatgagca	gaacgaggcc	agcaagacca	1920
atgggctggg	ggcagcagag	gcattcccct	ctggttgtac	agcgacagct	gggagagaag	1980
gcagcagccc	tgaaggcagt	accaggagga	cgatcgaggg	gcagtctccg	gagccggtgt	2040
tcggagatgc	tgatgtggat	gtgtctgcag	ttcaggcgaa	gttgggagcc	ctggaaactga	2100
accagaggga	tgctgcagct	gaaactgagc	tcagggtgca	cccacctctg	cagcggcact	2160
gccagagcc	gccgagtgc	cccgaagaaa	acaaagccac	cagcaaagct	ccccaggca	2220
gcaactcaaa	aacccccatc	tttagccctt	ttcccagcgt	caagcccctg	cggaaatctg	2280
ctactgccag	gaacttgagg	ttatatggcc	ctacagaaa	aacccccact	gtgcaacttc	2340
ctcaaatgag	taggagcttc	agcaaaccgg	gcggtggaaa	cagtggcccc	taaaaaacgg	2400
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cagctgaatg	gctctaaaag	agttttattt	gtccagtga	aatgaatagg	ttcagggatg	2520
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<220>  
 <221> misc\_feature  
 <222> (823)...(999)  
 <223> similar to gi5816699 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6892

ttttgcctta	ttattccacc	cctttacttt	gcctttgttg	acacaactcc	cgtgcaggcc	60
gcgctccacg	gggctcccgg	cggcccagg	gagaagcttc	gacaacagga	cagtttttag	120
tcacgtggcc	tgaccgtttg	ccattttaagg	attacagcaa	atgattctat	ttgtaatttc	180
tacctttccc	attgcctccc	ccccaaaaaa	aactgtacat	gagtttacia	acataattaac	240
atataaataa	tgagaaccgt	cctgggtggga	gcctcctccg	ttgtctctgc	tggagatgaa	300
cactgagggg	cgctgtaacc	acacagactg	cctgtgacat	cgggagtctc	acggcagctg	360
tcttgggccc	gcagctggct	tttttggcac	ctccagggtc	aaccaccagt	ctgtctctgc	420
tgtgcccagg	gtagagcccg	ggggctgtga	gtatgtgtgg	ctcccctgcc	cgtcatcgct	480
ctggctcaag	ctcatgtctg	aagggaacgt	tctctctccg	acagtgcctc	ttgtgggcag	540
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tgttgaactc	cgggagctgc	ttctcaatca	ctgtgcaggg	agggtagtgg	cactcatagt	660
aggtgcaaga	gttctcctcc	tcttccacta	catccccgtt	ggcattataa	taccgggtca	720
catttaggac	aggaaactgt	tcttctatag	ggtctgtagg	cagctgctga	attgcaagcc	780
aatacaagct	ttgctccctc	tgcttgctgg	aggtctcttc	agccttgggc	cgccagcccc	840
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ggtacctcag	gcggaagggt	ctgagagaaa	cccaagcacc	tgatctgtgg	cccaatcagg	1140
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cgcaaaaacca	cctaagcaga	tggcctcgag	acagctcccc	atctgagtgg	tccctaccat	1260
gcgcaccggg	gggctcggca	aaaccacagc	aggggagcaa	cctccgtccc	tccagaggct	1320
gccagtcctg	ggcaagctcc	cagcagaaaag	tccacttggt	gtttgaagtg	caacatacaa	1380
atcattcggt	cctttggggt	agtgggtgaag	gacacaaaaa	taactgagag	attcaggggaa	1440
ggcaaggcag	ggcttcagcg	gggcagaagg	ctccagacgc	cctgtgccat	cggagctcac	1500
ccaggagccc	agcgnacgcg	tgggtcgnc	cggntntttc	ggtagactat	cgggcgtcag	1560
acacc						1565

<210> 6893  
 <211> 1759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (313)...(75)  
 <223> similar to gi1389766 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 6893
tttttttttt ttgaaaaggg agtttcactc ttgttggccc aggctgggag ttgcaaaacc 60
agaatctcgg ctactgcaa cctccgcctc ctgggttcaa gagattctcc tgcctcagcc 120
tccccagtag ctgggattac aggctcatgc caccatgccc agctaatttt tgtattatta 180
ttattgtttt ttagtagaga cgggggtttca ccatgttggc caggctagtc acgaactcct 240
aacctcaggt gatccacca cctctgcctc ccaaagtgtc gggattacag gcatgagcta 300
ccacacctgg tttggagagt cttaattaag gaaatttccc taatgttcat ttattttcta 360
aatccagacc gtgtttcaga ataatcctta cttgagagta gccattttct tgcctgtact 420
tgtcagaact agaggaaata gccaaagacta atgaaaaaga ttactctaac ccttaaaaga 480
cttttaaatt cactactaga gtggtcattt taaaaataca tccatgtttt aacttatttg 540
agccttcttt atgagtaaat gattcctcct tgttctgtct ttcaaaccag ctaaatattt 600
gtcacaaaag tgcttttttc tctctacgtt ctattttcat atatcagggt ttaaatagtt 660
ttaatttttt aataaaattt tctctacgtt ctatatgcaa ttgttatata tctatttgaa 720
tagctgaagg actaaaatac ttttttaaga gataacttca ggaaaccatt atattttact 780
atctgcatgc tgttaactgt ggtacactgt gaaatatgtt gattacaaac ccattcatta 840
catagtataa ggaattcaca gtatattgac tatatagtgt ctaatgatct tgggcagata 900
ctgtcaaact tacaatatct atatagatgt aggtcttttt aaatttacct agtcattctt 960
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tagctctctt tagctcaacc actctgtcca tccagccaat ggatgtccct tcccctgtac 1260
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gtttattaga ggtatggagc agtgcaactt aaactcaagt tgcacttaca ttttgaattt 1380
taaaatgatg gttttatctg ttgtgtgaag tggttcaccc ttgaggacca ggagcctcca 1440
tatcctgact gaaaaccttt tctgagactt agagtaacag tacttttggg tccttgagtt 1500
ctcctgtctc cagataccaa atgaccttga cttttctgcc ttgtgaattc gtagtccaat 1560
cagctgaaat taaatcactt gggagggacg catagaagga gctctaggaa cacagtgcc 1620
gtgcagaagt ttctccaggt ggctccctt tccaacaatg tacataataa agtgtatgca 1680
ctttcactaa tatttttggg gtgagagtct gtttcggcct gtattgaatg tctgtggatt 1740
tccgttttca gaagtagta
1759

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<210> 6894
<211> 1499
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(1207)
<223> similar to gi203106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6894
acacaagctc tggcggaccg tggccatggc gggcgctgag tggaaagtgc tggaggaatg 60
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ggaactcagg aagcttgatc tgcccaggga agctttcgaa gctgcctcca gagaagactt 180
tgaactgcag ggatatgcct ttgaagcagc ggaggagcag ctgagacgac cccgcattgt 240
gcacgtgggg ctggttcaga acagaatccc cctccccgca aatgcccctg tggcagaaca 300
ggtctctgcc cttcatagac gcataaaggc tatcgtagag gtggctgcaa tgtgtggagt 360

```

caacatcatc	tgtttccagg	aagcatggac	tatgcccttt	gccttctgta	cgagagagaa	420
gcttccttgg	acagaatttg	ctgagtcagc	agaggatggg	cccaccacca	gattctgtca	480
gaagctggcg	aagaaccatg	acatgggtgg	ggtgtctccc	atcctggaac	gagacagcga	540
gcatggggat	gttttgtgga	atacagccgt	ggtgatctcc	aattccggag	cagtccctggg	600
aaagaccagg	aaaaaccaca	tccccagagt	gggtgatttc	aacgagtcaa	cttactacat	660
ggagggaaac	ctgggccacc	ccgtgttcca	gacgcagttc	ggaaggatcg	cgggtgaacat	720
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aggttctccc	caataacatt	gtccagggtg	ttttaaaatt	cccaggcagg	gggagagtgg	1320
catggggagt	gacttcttaa	tgggtaagg	gctgcttact	tctgggggat	tggaaatggt	1380
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<210> 6895

<211> 2261

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (440)...(2107)

<223> similar to gi5689435 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6895

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gcccggcgcc	ttgcatttctg	atctccgtga	tgacgatgac	gcggaagaag	aagggcccaa	180
gcgggagctt	ggtgtccggc	gtcccggggg	cgcagggaag	gagggcgtcc	gagtcaacaa	240
ccgcttcgag	ctgataaaca	ttgacgatct	tgaggatgac	cctgtggtga	acgggggagag	300
gtctggctgt	gcgctcacag	acgtctgtgg	accagggaac	aaagggaagg	gtcagcgtgg	360
aaacacagag	agcaagacgg	atggagatga	caccgagaca	gtgccctcag	agcagtctca	420
tgcaagtggc	aaactccgga	agaagaaaaa	aaaacagaaa	aacaagaaaa	gcagcacggg	480
agaagcatcg	gaaaacggac	tagaagatat	cgatcgcatc	ctagagagga	ttgaggacag	540
cactgggttg	aaccgtcccc	gcccagctcc	cctgagctcc	aggaagcacg	ttctctacgt	600
ggagcacaga	cacttgaatc	cagacacaga	actgaaaagg	tattttgggtg	cccgggcaat	660
cctgggggag	caaaggccac	ggcagagaca	acgtgtgtac	cccaagtgca	catggctgac	720
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gcacaagttc	ctggtggccg	tggagtctat	ggagccgaac	aacatcgtgg	ttctgctcca	900
gacgagccct	taccacgttg	actcactcct	gcagctcagc	gatgcctgcc	gctttcaaga	960
ggatcaggag	atggctcgag	acctcgtaga	gagagcgctg	tacagcatgg	aatgtgcgtt	1020
ccaccccctg	ttcagtctca	ccagtggggc	ctgccggctg	gattaccgca	gacccgagaa	1080

0948225\_01400

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ggactgagcg tccgcagagg tgaccgaaaa gccgtatgat gatgttcccg atttctctgt 2160
tggtcggagt cggccagttg cctgaagtag ggaagctgag tgtgtcgctc cctggtccac 2220
tgtttctcct ataaatgtaa atgggtcacg caaaaaaaaa a 2261
```

```
<210> 6896
<211> 945
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (912)...(678)
<223> similar to gi560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<400> 6896
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atccctgggg acagagggga gcaagggagg ggagtggcag ggggaggccc aggtgtgggg 120
ctggaggggg tactggcggc agcgggaagg cagtaggctt ggtcagggta gtagtgcgct 180
gcgcctcagg aggcaaagggt gccccagcct gggcaggccc tgggaccagc ccaagctgag 240
cagcgccgcc cctgggctgg ctctcagagc ctgggctaac gtggagcccg ccacgtcgct 300
tggcactcag aggcccctgc ttcttgttgg ctacagtagg ccacgctcaa cacgtagcct 360
gtgccacacc cttcgaggcc cgggtaggag ggcagagggg ctggtctggg ctcttgggtg 420
acccctgctg gtgctgcctg cctcctcctc cccacgtgg gactcaagcc aagggtcaga 480
ggcgcttccg ctgctgggag caagggagga gagtaggggt ggagcagcct cccctctgcg 540
tgggaacccg gcctgtgtaa gcagtagcgg gacaggggtg ccggagtgat gccttggggc 600
ctgcggggag gagtggaaga agtggatggg ctggctggct gtggcttgca tggcactggc 660
agcccagcct ggcttagaag tctggccggt cttcttcag cttcttatag tcagtggaaa 720
ctgcaaggaa cttgtattgg tcattggggc tcaggcgggt ccagggctcc gggttgttct 780
ttctgtccca gctttaccag acgtcggggc tgcaaggggc gagtcgcagc aagtaaagcg 840
cagcgtgcc catgcccagg cagattaagc cgatcatcgg gatgatcccc ggatgtcttt 900
tgatctgccg gtagaagcgg cccaagatc tgccctgtgc cgaat 945
```



# 2025年12月25日

```
<210> 6898
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(501)
<223> similar to gi837292 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

5572



<223> similar to gi895849 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6900

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aaaggcatga	gttactcagg	gtcgtggtt	gtggtcaa	cggcactgag	ccctagatcc	120
cacttactca	cttggcagac	gtactgtgt	tgccttggt	tgggcaccgg	gttaggagct	180
gggctggata	caggtgctgc	tagttggctc	taggcagcag	gttttgattg	gcagtactgg	240
agtctgtctt	ggaacgggct	gtccaggtc	tgtgttcgag	ggcttctggc	tccatgtcag	300
tgttgtgaaa	ctctccaggg	gtggcctgga	ggccaagcag	atgtggcagt	tctgcagcag	360
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ttaagaaatt	cctacgtggg	acacctgggt	tgtgacagat	cagctgctga	agccctgtcc	1140
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<210> 6901

<211> 2044

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1361)...(1395)

<223> similar to gi5419859 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6901

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cattcagccc	tcccatgggc	ctggcatgta	gccgagcacc	ctggagaggg	cagactaaga	180
agacatggtc	cgtccctgcc	tgtgaggagt	tcaggtctct	gaggaggagg	aagcagtga	240
actgggcttt	acacatggcc	tgagaacagc	ttaggcctga	acataaggaa	cagcttggag	300
tggaggggac	acagaggaac	cctcactatc	atgcatgcca	acccaaccac	tgctgcctct	360
ttcccttctg	gatttagctc	gtgtctccag	gtcctagtc	ctgtaatcca	gggacccatc	420
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gttc						2044

<210> 6902

<211> 2660

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (29)...(2362)

<223> similar to gi3005085 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6902

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tcaagatgtc	aaacagctga	ctagtggagt	tgccatggca	caagttcttc	atcaaatgtg	180
agtagtggtc	agactctccc	tgaaaagcat	tgtaaaccca	atacatacca	aggaagaaaa	240
cttggaactg	aattccaaag	gttgttgcaa	ctttatctta	cccagtgaca	tattcaggaa	300
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caggcttgaa	gctgcaaaaag	atgattaccg	tgttcaactgt	gaagaacttg	aaaagcagct	1020
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ggagatgcag	ttatacacac	atttcaaaca	aacatttgct	ttttgagagt	attataattt	2640
caaattggcc	ttgtatat					2660

<210> 6903

<211> 1880

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (307)...(579)

<223> similar to gi2440090 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6903

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tgtggactct	ggactgggaa	gggggcaggc	ccctttggac	ctgcagttgg	cctcagcaga	180



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aaaaaaaaaga	agatgaaatt	tcattataag	atctaattga	gagagagcgt	tctgccctag	840
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aaaacaaatt	aagtgaagct	tctggaggta	gggctgaaaa	tgggtgaaaga	agtgacttgg	1260
aagaggacaa	cgagagggag	ggaacggaaa	atggagccat	tgatgctgtt	cctgttgatg	1320
aaaatctttt	cactggagag	gatttggatg	aactagaaga	agaattaaat	acacttgatt	1380
tagaagaatg	acaccaaaca	catcgctgaa	aaaattaagt	cagctcagca	cgagttgaaa	1440
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ctggaggaggt	taacctcctg	caaaaaaggc	atcttgtccc	tacatcttct	cttctgactt	1560
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gaagactgcc	taaaacatga	gcaactgtact	tcataaagga	aactgcgtat	gcagattcag	1860
tattgtgtat	ctttggacaa	ttagatggac	atttaaaatg	gaacttcttt	atctgacagg	1920
atcagctaca	atgccctgtg	ttaaattggt	taaaagtttc	ccttttcttt	tttgccaata	1980
aagttgtaaa	taaagaccat	catacattaa	aatccaaaaa	aaaaaaaaag	ggggggcctt	2040
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ttaagggggc	tgttttttaa	cccaagttgg	ggtttttggg	aaagaaccct	ttcttttggg	2160
ggggcacata	ttggaccacc	ccccctccag	agtgtaaagc	ctggggggga	aaaaaaaaatt	2220
tttaaggggc	aaaaggggaa	aactaactgc	caatccctgc	cagtaagaaa	atagggcnca	2280
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<210> 6905

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (201)...(448)

<223> similar to gil374867 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6905

tttttttttt ttgggggtgtc cttgtagtat aaactaatac accagtcttg taaaccggag 60





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ccgggcgtgg	tgggtgggtgc	ctgtagtccc	agctacttgg	gaactcgga	ggctgaggca	2520
ggagaatgac	ctgaacccgg	ggggcggagc	ttgcagtggg	cagagattgc	gccattgcac	2580
tccagcctgg	gcgacagagt	aagactgtct	ccaaaaaaaa	aa		2622

<210> 6907

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (142)...(591)

<223> similar to gi2117305 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6907

ggacactgta	ggccacgtgg	ggcggaacgg	aaacctcgca	gggtcagacc	gtagcgacgc	60
gggaagtccg	gacgcagtag	ctccctgaag	cggaggcgaa	ggggagttaa	agccccagcg	120
gcggcaatgg	cggagaggcc	cgaggaccta	aacctgccca	atgccgtgat	caccaggtac	180
atcaaggagg	cgctcccggg	cggtgtcaac	atctccaagg	aggcccggag	cgccatctcc	240
cgcgcgcgca	gcgtcttcgt	gctgtacgcc	acatcctgtg	ctaacaactt	tgcaatgaaa	300
ggaaagcgga	agacgctgaa	tgccagtgat	gtgctctcag	ccatggaaga	gatggagttc	360
cagcggttcg	ttaccccat	gaaagaagct	ctggaagcat	ataggcgga	gcagaaaggc	420
aagaaggagg	cctcagagca	aaagaagaag	gacaaagaca	aaaaaacaga	ctcggaagag	480
caagacaaga	gcagggatga	ggacaatgat	gaagacgaag	aaaggctgga	agaagaagaa	540
cagaatgaag	aggaagaagt	agacaactga	aaagggcggg	agactgtggc	accttggaag	600
gtaccacttg	aaatgagacg	tgctacgtgt	ttctgtgaag	cttttccatg	ctgggcagag	660
tagtctcagg	caaaagtgcc	tgaaaagatc	agaataaaaa	ctgactagaa	ataccgtcaa	720

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aaccagcact taccaaactc agagcatctg agtagcagaa tcctgttttg cttcatcaat 780
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```

<210> 6908
<211> 911
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(912)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (220)...(851)
<223> similar to gi246483 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6908
ggcacgaggc ataatgtggt caagagcagc agtcaaaaat aattggtttc ttttcccatg 60
ggatgagaaa gtgcgttcct tccctatca cagtgtcctg aatgccatgg aattggtcga 120
agatgacaga cagctctctg tgcagcatca cattgtagaa ggcagagttc cccacacctc 180
ctgcagaagc taaggacagg gcagacttgg cagctgtgtt tccatctgct ggacccactc 240
acgcctgcgt ccactccaac cccccacatg aattccgtcc ctttatcatt gattttctgat 300
gcgaaaagtc actttgatta gtgaagtgtt gctttatgta gatttttagg cacacatctg 360
ttagataaaa cgaggattgc ctgtagagaa agcaaataaa agcaaagtcc ctcttggtga 420
aactggtgtg ggagcccttg aacctcatgc agctggcctc cctgctctga ccgagttccc 480

```

```

tgagggactt ctccaaggag gaatgtgtga gaagcactga ttttgagcac tctttcatgt 540
ggacaaattt cactttattt acaatgtaaa cttaaattta aattctgtct nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntctgtc 900
ttttctgcag t 911

```

```

<210> 6909
<211> 813
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (182)...(44)
<223> similar to gi330005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6909
gccagtgggg cagcaaaggc cccttggggg aacaaagggt ggatgtggaa ggccagggga 60
gcccgggggc gagagtgggg gcagatggag gctcgggaag atcagtattg aggaccatgt 120
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gagctgtgtt aaggagaaca agggcaagga gacctccctt tgtgctccct cactccctaa 780
taaacatgag tctgatgttc tccaaaaaaa aaa 813

```

```

<210> 6910
<211> 2106
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2107)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (1024)...(1222)  
 <223> similar to gi4262296 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6910

ggaattcgcg	agcgcagggc	gcatgactgg	caggcagctc	cacctgcagc	cctgggtgccg	60
gtatccacta	ggtgaagcca	gctgggctcc	tgagtctggt	ggggacgtgg	agagtcttta	120
tatctagctc	agggattata	aacacaccaa	tcagcacccct	gtgtctagct	caaggtttgt	180
gagtgcacca	atcgacactg	tatctagctg	ctctgggtggg	gccttgagaa	acctttatgc	240
ctagctcagg	gattgtaaat	acaccaatca	gcacctgtg	tttagctcaa	ggtttgtgaa	300
tgcaccaatc	gacactctgt	atctagctgc	cctgatgggg	acgtggagaa	cctttgtatc	360
tagctcaggg	attggaaacg	caccaatcag	cgccctgacg	aaacaggcca	ctcggctcta	420
ccaatcagca	ggatgtaggt	ggggccagat	aagagaataa	aagcgggctg	cccagagccag	480
cattggcaac	ccgctcgggt	ccccttccac	actgtggaag	ctttgttctt	tcgctctttg	540
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aacgaacaac	tccaggcgcg	caatgaacaa	ctccaggcgc	gccgccttaa	gagctgtaac	720
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tatggg						2106

<210> 6911  
 <211> 2385  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (2121)...(849)  
 <223> similar to gi54806 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6911

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ctctgtacct	caaagccata	aataatattt	cttctatttag	aagagaagca	ctttcagtgt	180
ggaaaaaaat	ctttattttca	aagtaaaatg	cacaaagtct	catacagcag	ataaaatcag	240
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<210> 6912  
 <211> 776  
 <212> DNA



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tttctcatcc	ccatttgcag	gggctaaagg	tctagatgag	acttggaagg	caaggagcat	1320
cgaaatttga	gatacccagg	accctttcaa	gcaagaatgg	caaaaaagcc	ttgtgctgtc	1380
tttgctcttc	aaattatttt	cagcctcctt	gtcatataat	catttcaggc	aaactgaggc	1440
aaccactaac	agctaattgac	ccagatggct	ctatttgggt	aattttaccta	caacttattc	1500
caccagcctt	tactcctctg	cccttttgtc	aattttacct	tataatcctt	tattaaaatg	1560
atggggaggtg	gtgatcagga	caaa				1584

```

<210> 6914
<211> 1083
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (71)...(620)
<223> similar to gi3874988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6914						
agggacggac	cagctttaac	tctctgctcg	ccttcgccgc	tgtcgccgcc	acctcctctg	60
atctacgaaa	gtcatgttac	ccaacaccgg	gaggctggca	ggatgtacag	tttttatcac	120
agggtgcaagc	cgtggcattg	gcaaagctat	tgcattgaaa	gcagcaaagg	atggagcaaa	180
tattgttatt	gctgcaaaga	ccgccagacc	acatccaaaa	cttctaggca	caatctatac	240
tgctgctgaa	gaaattgaag	cagttggagg	aaaggccttg	ccatgtattg	ttgatgtgag	300
agatgaacag	cagatcagtg	ctgcagtgga	gaaagccatc	aagaaatttg	gaggaattga	360
tattctggta	aataatgcca	gtgccattag	tttgaccaat	acattggaca	cacctacca	420
gagattggat	ctgatgatga	acgtgaacac	cagaggcacc	taccttgcat	ctaaagcatg	480
tattccttat	ttgaaaaaga	gcaaagttgc	tcatatcccc	aatatcagtc	caccactgaa	540
cctaaatcca	gtttggttca	aacagcactg	tggtagggtg	taggtggtag	ggtgagggga	600
tggtttgtgc	ttaatttggt	ttgaattaaa	tctgtgtatg	tctgatgtaa	tcacaatctg	660
cacataacat	tcatcattga	attttctatg	ccaagtcatt	aagtggcatt	tggaaagtag	720
attcttcatc	ttttatctgt	aatttaaaaa	attgaggcat	aattgacatt	caataaaatg	780
cacagctctt	aatggttcag	tttgatgagt	tttgagaaat	gtatataacc	aacacccaaa	840
tcaagataca	gatttttacc	atttcagaaa	gctcttttca	tttcccaatg	gagtgtgttt	900
tactgtgtgt	aattttattca	tctataaagt	tggttaaaaa	ctatctatga	gatactttat	960
ttttcttaga	caggtagtca	cctgtagtcc	tagctacttg	aaaggctgag	gtgggaggat	1020
cgcttgagcc	caggagtttg	aggctgcagt	gagctaggat	catggcactg	cactcctgcc	1080
tgg						1083

<210> 6915  
 <211> 1157  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (32)...(12)  
 <223> similar to gi3738265 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6915  
 cagtggcccg attggggtga caggcgccca aatggccaag tggctacggg actacctgag 60  
 ctttgggggg cggaggcccc ctccgcagcc gccaccccg gactacaccg agagcgacat 120  
 cctgagggcc taccgcgcgc agaaaaacct ggacttcgag gaccttatt aggactccga 180  
 gagccgcttg gagccggacc ccgcggggccc tggggactcc aagaaccccg gagatgcca 240  
 gtatggttct cccaagcacc ggctcatcaa ggtggaggct gcggatatgg ccagagccaa 300  
 ggcccttctg ggccggcccc gggaggagct ggaagccgac actgagtatt tagaccctt 360  
 tgatgctcag cctcatcctg ccccccgga tgatgggtac atggagccct acgatgcca 420  
 atgggtcatg agtgaacttc ccggcagagg ggtgcagctc tatgacacc cttatgagga 480  
 acaggacca gagacagcag atggaccccc ttctgggcag aagcctcggc agagccggat 540  
 gccccaggaa gatgaacggc cagcagatga gtatgatcag ccctgggagt ggaagaaaga 600  
 ccacatctcc agggcggttg cagtgcagtt tgacagtcca gagtgggaga ggactccagg 660  
 ctcagccaag gagctccgga gacctccgcc cagaagcccc cagcctgcgg agcgtgtgga 720  
 ccagccctg cccctggaga aacagccgtg gtttcatggc cccctgaaca gggcggatgc 780  
 agagagcctc ctgtccctct gcaagggaagg cagctaccta gtgcggctca gtgagacca 840  
 cccccaggac tgctccttgt ctctcaggag cagccagggc ttcttgcatc tgaagtctgc 900  
 gcggacccgt gagaaccagg tgggtgctggg ccaacacagc gggcccttcc ccagcgtgcc 960  
 cgagctcgtc ctccactaca gttcacgccc actgccggtg cagggtgccg agcatctggc 1020  
 tctgctgtac cccgtggtca cgcagacccc ctgacagtga ccctcggccc ccttttgagt 1080  
 cctcgggccc agaattgtat cccaaagccc tcccatggcc tagaaaataa ataagtttat 1140  
 gtttaaaaaa aaaaaaa 1157

<210> 6916  
 <211> 1349  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1300)...(664)  
 <223> similar to gi2226004 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6916



```

cagtctcctt ctctaccaca ataattagct ggtgggtggg gcatgtgcct gtagtcccaa 60
cactcagaag gccgaggtat gaggattgct tgaacttttg aggtcgaggc tacagtgaac 120
caagatcgcg ccaactgcaact ccagcctgga tgatggagcg agaccgtctc aaagaaaaaa 180
agttttcctg gcgattctta cacatatatg agctttttaa agcatatatt taaataacat 240
ttaaatagaca aaatttgatg ctctcaagta tcaaaatgga aataccaaca gcaagggttc 300
caggggatgtc caacaccaca gagcagggag gcctggctgg gcctccactg ttgagggtcat 360
catggtgctt ccgcttttatt ctgattaact tttggttaca cacattgaaa aatgacctaa 420
gagagtgtgt ttgagtggcg ctttttctca ttgtacagct cctgctagca gtttactgca 480
acactgattt ctctggaacc tctcagtttc cagtcatcat tagggctgtt actagcaagg 540
acctacaagc cagcctcaaa atgtgagagg gctgccgaca gtcttcctgt ggtagctgc 600
cacagtgcgc agggaccatc ttccctctcc tcctcccca ctgccagctc ctgttccagc 660
cgcatcagtt cctcatttga gagatcttct tcatgggact gcagcaactg gtccacagca 720
gcctcagcaa cctcttcaaa ggccacattt ctggcaaggg tcacaatgtt tttttgaagc 780
tgtgcaatgt tatctgcctg ggaaaaacgc tgggctgaa cactctcagg ccaaactctt 840
ttccacatgc tgttcattag tgctggtttg agctcctccc atgcgatggc catgtccaca 900
gcatccatga tgctgtagtt tctccaaaat tccctgatca tagctgtgtc ctccaccatcc 960
gctgcttcta ggatgtgctg aaaagtcctt ctcagataat gagctttcaa ggtagagatt 1020
acaccttgac acgtggtccg gattgagtca gctgtactgt catgaaggta ttatactctt 1080
ggaattcttt tttttctttt tttttttgga aacggagttt aactcctgtt gccaggatg 1140
gagggcaagg gcgcaatttg ggtaaccaa aacttccgcc tcccaggtta aagaaatttt 1200
cttggttttac cctccagaa agctggaatt acgggcctgc accaccacc cgcgtaaat 1260
tttttttttt aataaaaacg gggtttttcc atgttggggg tgggcttgaa ctctggacc 1320
taggggaacc ccccgttttg ggcttccaa 1349

```

```

<210> 6917
<211> 1346
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1347)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (514)...(942)
<223> similar to gi4379067 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6917
cgggggtggct tagcgttgat aacagaagat tctgagatgg gtgagaagtg gtccacacgt 60
ggccactgtc attcctctgg cataatggac ttgggctcag gaggtcaagc cctcttcaag 120
gagcatgagc tgaaattgct aaactttggg agttttccgt gacacccttc aaagtgtc 180
cgggtgtggca tggatcagct ggggaggggt gatgtggttt tgccctgtgg ggtatctatc 240
tgtgtacttt tgtctgaggg aggcaactgg ggccacttag gccggcaggt gccactgtg 300
attggttgac atgataccaa gcaacaggat catccagtca ctttcaatgc agggaggatg 360
gctgacaggc tccctgggtg acacttcatg caatcagatg tcgagttgga ctgtgacata 420
gagccatgtg gccacactaa attccccccc acccttcccc tgtccacaac cgtcattgtc 480
tgttcttgcc atccagtggc cactgcctcc accatggctg aggccttctc taagacaacc 540

```

tctgaggaag	accagagcat	ccaggagccc	aaagaggcca	actccatgac	ggcccagaag	600
cagaagaagt	gagggcttcg	aggctcccgt	aggcgccatg	ccaacagcgg	cggagatatc	660
ttcggggaca	gctttgccgc	ctatttcccc	cgggtgctga	agcagggttca	ccaggccctc	720
agcctttccc	aggaggccgt	gagtgtcatg	gattctatgg	ttcgtgacat	actggaccgc	780
atcgccaccg	aggctgggtca	cctggcccac	tactccaagt	gcgtgaccat	cacctcccgg	840
gacattcgga	tggccgtgtg	cctgctgctg	ccggggaaga	tgggcaagct	cgctgagtct	900
cagggcacga	atgccaccct	caggtacacc	aaaagcaagt	gagctatctc	aggagcgccc	960
gagcaccggg	gaaagccaaa	tgtctgtttc	agaaccacca	cacgtggccc	taaagaccag	1020
tggcctgcca	aggaggggac	cccactggag	attgggggtg	gtggcaccgt	tctggcttgg	1080
ggagcatgtg	gcgtgtggcc	ttctgcggtt	tttcaagcat	ttttcccaca	gtgcaaaaca	1140
ctgtcaactc	caatacatct	gtagtgaat	atgctccaag	gaaaagtagg	gggtgtttcc	1200
gtaatcgtgt	ttcatgtcct	cagtttccta	aatgggcccgt	tttatcagnt	atctttctag	1260
gntatctttg	gggggatatt	atcaatgtac	tgatgtttac	ccttttcact	ctcattctcc	1320
tacaactgga	tggnggaatt	ntccag				1346

<210> 6918  
 <211> 1236  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1056)...(1067)  
 <223> similar to gil890647 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6918						
ggaattcgct	ttctctgttt	ttcatatttt	ggaaaatata	cctctttaat	ctcttgtttt	60
ttgaaagcct	aaagatgcc	ggtaacaaat	gttgcaactc	agaaccgtca	ccttttttat	120
ataactttat	agtagtttct	tccacattta	ttatgacctt	atgaattagc	tcagtaacat	180
tgtcttgaca	ggtatcacta	attaaatatt	gttcaaaaat	tctgtgaagc	attctgcctc	240
attaatgtag	catcattggt	gaggctttat	aatttttttc	atctgtctgc	gcagtatggt	300
ttggttttct	aatgctagca	agagctacat	gcaacatata	atttgccctg	gctgccagca	360
gctgtgcatc	ttttgtaacc	tgtacgtaaa	ataaccatta	gcagccagaa	atgttaacac	420
attaacctcc	tcttaatgta	taattatgga	tatatgggat	aactgttagc	atgctcagct	480
cactgctgaa	gaatttatca	tctctttgta	tacaggcatt	tgatgtatgc	actaacctcc	540
ctaaaatcat	atgctgcttt	gttttgtttt	gcatggcttt	taactaaact	cttatccaac	600
agatgctgag	caggaattac	tctcagatga	cgcttcatct	gtttcacaaa	ttcagtctca	660
aactcagtc	ccgcaaaatg	tccctgaaaa	attagaaggt	actcaatgta	atttcccaca	720
tagcattcac	tgagttagtc	ttgagtcgtg	ccctctgtgt	tttgttttca	cgtgaggaag	780
ttgaatacct	catcacagta	agttttccat	attttactta	tatctcccaa	taattacata	840
ttttatatca	ttaaaaatgg	ggcgctactt	ttgttcagca	tttatattga	tttaccttaa	900
tctgaatttt	ggcaaccgcg	agttcttaag	aatttggtga	attggctggg	cgcggtggct	960
cacacctgta	atcccagcac	tttggaaggc	cgaggcaggt	ggatcacgag	gtcaggagat	1020
caagaccatc	ctggctaaca	cggtgaaacc	ccgtctctac	taaaaataca	aaaaattagc	1080
tgggcgtggg	tgcaggcacc	tgtcgtccca	gctactcggt	aggctgaggc	aggagaatgg	1140
cgtgaaccgc	ggaggcggag	cttgcagtga	gccgagatcg	caccactgca	ctccggcctg	1200
ggggacagag	cgagagtctg	tctcataaaa	aaaaaa			1236

<210> 6919  
 <211> 1208  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1209)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (691)...(909)  
 <223> similar to gi2318003 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

0040736-0100

<400> 6919  
 tttttttttt ttgtgtgtat aaaaaagtga tatgtcttta atttaaaatt atgacccgga 60  
 aataactagt cagtttaagt gatccagact tcctcttcat acccaaattg aacagacaca 120  
 atattggctc agattttcaa ccccgaaaaa aaaccaaacc aagtcctcag gaagtccctg 180  
 cagcgacctt gctggggcca tcagaccgca cagagtggag gtgcccaagc tgctaggctg 240  
 ctcttaatcc agccacactg agaagagctt tccttctacc agcaactccc tcgctgggtc 300  
 cgatatcccc cttcacctcc ctttttagctg gcactgcacg aatgcctcca cagagaggct 360  
 gacagtacag cagtcacctc ccagctgtct tcggtgcatc ttcagggccca ccttcctgtg 420  
 gtcacaatag aggagttgag cattctaaac gtctgtgccc aggagggcag cgtcttctct 480  
 ttttagctga ggtctggagc cctgagttgt aaccattggt catatgtggc tgaggcaccg 540  
 acagcaaadc gccaaacttg ggaaacgatc tggggagatg caagggcctt ggtaattgat 600  
 ggtgagtaag tccatggagt tttcatccca tcatggcaga aggctggcct gacccctgcc 660  
 ctactggat gatgtgtct ggctgcccac ctgcccaggg tcagaggcgg 720  
 gggccgggtt agctgtgttg ctctgcaggt agcggcgga atctttgatc ataggccgga 780  
 ggacctggat gaggacgctc agggcagcct gtgtgccctc catggcctgg gcctggcgct 840  
 cctgggcaca ggctgcact tcctgggagc ggcgatcat ctgcagtagg tcgttctgct 900  
 gttccagggt ctgtgcgatc tccttcacat gcaggttggt gacccgctgc tcctgtatca 960  
 gcttggcgga gttgagagca atgcggctct tgagcgcttg cggcttgacc gacgtgtctg 1020  
 catgctgggc catcatgtcc acaggggtct ctggtggcag aggtgggggc gcctcagccg 1080  
 tgcagtactc caccacgccc tcctccagcg tgtgataggt ggtctctgtg gggatctgtg 1140  
 tcagggaatt ccacgcnntg tactgatgaa ttctatactc aattgnnnnn ggcccgcctc 1200  
 ccttcctt 1208

<210> 6920  
 <211> 1608  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (891)...(1323)

<223> similar to gi4567070 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6920

ctgaattcac	gggtccaccc	acgcgtgcgc	tgaggatggt	gctggggagt	tatcacccgt	60
tttgtgggca	gggctaacag	tctggacccc	tgtgcgaccc	aaggagagac	tgaaaaggcc	120
cccgactgaa	aagcaggagc	gagggcctgc	ctcgagcacc	cttgggatgg	cagggccatg	180
ggcccgaactg	caaagcctcc	tggggagccg	gaagagccag	cacaggcggc	aggcacggag	240
ccacccaaat	gggctggcat	gggagggagg	gaggcacacc	tgcttgccgg	ggacaggagg	300
gtgagccctg	agaccctgcg	gaggcctcca	caggccgccc	cagttgccat	catctacagg	360
ggtcagagac	aggcctgcca	cctccctttt	ctgaaaagat	gcctttgggt	gtcatgccct	420
gggggtggcac	tgggaagcctg	ggatggaacc	aggaacctgg	gactgtgcgg	ggacccccct	480
cacacccctt	caccagctgg	cttccctgcc	tccctgttag	ccatcacccct	ctggtcacca	540
aggtgctgtg	cccggccctg	ggctggatgc	tgggaaccca	gagtgaattc	gaagtggccc	600
ggcccagggg	agccaacgtg	tggcccaaca	tggacgtctc	ggacagctgg	gagacggcac	660
cggccggggc	cagggcagtg	ccagagtgcc	cacagaggcc	agccctgtcc	cactgggctt	720
cacctgctcg	tgctgccttt	ccctagagcc	ctgggggctt	cctaggaatg	tgccgcaccc	780
gccgccttgc	tgccctggca	ttggcctagg	tgggcgctgc	agctccatgg	ccccacagag	840
gccgcttgte	caggcaggga	gggcccgtca	gggagggtac	catgcctgct	gccctctcac	900
aggactgcct	tcaggggcatc	cggagcttcc	tgaggacaca	ccagcaggtc	gcctccagcc	960
tgaccagcat	cggcctggcc	ctcacggtgt	ccgccttgct	cttcagctcc	ttcctgtggt	1020
ttgccatccg	ctgaggtctg	agcttgagcc	gcaagggcaa	atacacccctg	acccacagag	1080
catgtggccg	ccagcccccag	gagcccagcc	tcttgagatg	ctcccagggt	ggacccacac	1140
attgtctcca	ctccgaagca	gttgctattg	gtccaagagg	atgctcgggt	agtcttcggt	1200
ggctgcagga	gagcgatgct	gcgcctctgc	ccctctcctg	ccacctggct	gcccacagag	1260
ctctccaggg	cagaagtgcg	gggtgggtca	gtgggtgccc	tgagcggggg	ctctcagact	1320
gacgtcaggc	cttgggtggg	tgcaactcca	cctggaggct	ccgggggaagc	atctgcctcc	1380
aggaccattc	aggctgttga	caagtcaact	cctcatggct	gtaggactga	ggttcccaag	1440
tccttgtccc	tggtcctgtg	gtccctccac	cttcaaacca	gcaatgggtg	attgagcaaa	1500
ttgtgggtcaa	atatacatca	catcaaattt	accatcttaa	ccattgttaa	gtgtatgggt	1560
tgtggcatta	aatacattca	cattgttgtg	caaccatcaa	aaaaaaaa		1608

<210> 6921

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (752)...(1061)

<223> similar to gil70454 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6921

ccgcccgtgct	atgaggagcg	cctctacttc	ccggagctca	ttgtccactt	tatgacagct	60
gtctgtcatg	gggatgggca	gggtgctctc	tgagaccccc	cacggggccc	agagtggccc	120
cctccccacc	attccaccat	gggcttagat	gcccagtgta	ttgttgtcca	aaacaggcgg	180

gaaaacagac	cagccacaca	caaggggag	gggtgagggt	gggggtgggg	gtccttaaac	240
agactaaaat	gcagttacct	gtggtcattt	tggaggaggt	ggaagcctaa	gaatcgcccc	300
cagcatggct	tcatccccc	agatggccga	tgatctggcc	tgaaggcctc	tcacaaaggg	360
caggagaaga	agcttccaga	aaggctggga	tggaggagga	gtcctgcggc	cagctgttgc	420
ctgcagcaga	ggctgcctgt	ggacacttcc	ctaccggggc	tgaggccatg	ctgggagccc	480
ccccagtgc	gcagaagcac	aaattggagg	cttggggcca	tgcccagcca	ggttggcttc	540
cctggggctg	aaaagctggc	tgtggtggca	ccatggcctt	ggccctgcta	ctcacccaac	600
attcccatcc	tcccctgata	ggccccctct	ccttgccctg	cctctctccc	gctgctcagg	660
gccagtcact	ccccccacat	gcagctaccc	ctacaacctg	gggttccttc	tcagggcctc	720
acctgggtccc	cacatcccct	ggcctctgct	cctgcctccc	aaagtccatg	tttgcctcca	780
tcagccacac	acacgcaggg	acgcccgttc	cttgccctcc	cggacttatc	tactcttcac	840
tttctctgatg	atccatgggg	cccaggccta	gagggcatcc	gaggggctgg	gccttggcca	900
cagcctcttg	gatgatgtcc	ttgctccacc	acgcaggccc	ttgcttctcc	catcaacgag	960
tcttggccca	ggggacactg	accctcccc	agggaggaga	gaggagtctc	ttccctttca	1020
acgagggctt	ccacgccttc	taaggggtgg	cggggaaggg	aggaggctga	aaaaatgcag	1080
attaaataaa	ggtatggaat	ggaaggcctg	tgcatctctg	ggcatgggt	ctaaggcctc	1140
cactgcaagc	attatgggcc	cccatgggtc	agggcacgat	gaggggttct	gggaagggac	1200
tcaaaattgg	gctccagcgt	tcccaggaac	caaga			1235

<210> 6922  
 <211> 591  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (345)...(108)  
 <223> similar to gi296127 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6922		
atcgagaata	tagtccctgt ggtggaattc gtggtgggag ctcaggggtct cccagcacc	60
tgccgcctc	tgctgggctc tgctgacac cggcgaggct cagtctggga ggaggtggag	120
cccagcgaag	tgtagccaag cagggacaag gagagaccgc agcctcgtgg aaaaccggga	180
ctggaggcag	gaaacaggta gggagggaag ggggtggccg caaactgggg tgggttgggg	240
aaggtgcgaa	aggacgacgc cccgtagcct aagggcagaa tttcaggggg gtggagggtg	300
cagagtgaag	gggagggcct tgcatgccc gcggtgaagg tttctcatct cacctgagtg	360
tggcgttcga	ttcactggca gcaggaaaga cggggatcag agaagagtta ccactggcgc	420
ccagcttccc	tggcctgac cccagcccc tcccacacct gtccatgctg aagaccgggg	480
agagcagaag	cctgcgtttc tgaggggagg gtgcctgggg ataagaacaa ggtgggtctg	540
ggggtgaagg	ggtcaggact tattttcttc ttcgattttt cataggacaa c	591

<210> 6923  
 <211> 2940  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (714)...(28)  
 <223> similar to gi3881873 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6923

ggtggaattc	ggatccccac	gccggcagca	ccaaggcctc	tgggtcagct	tctttaaggg	60
caagcgccct	tagagaagca	gcacggaagc	aaccaatcaa	ctgggttctc	caattagccc	120
ccaagtggat	cagcctgctg	aactgtcggc	tagggttata	ggtgggtctg	agtccttccg	180
gaagctgccg	aatcttagaa	gtcgcgccac	tgttggtggc	atggaagaag	gcgaagctct	240
acagaaacca	ttttggttga	gggaagagt	gttttaaagt	taatttgga	aggagccggc	300
aagcaacctt	cagtcggtgt	gcggttttta	cagttgaact	gtttccagcc	gctaattatg	360
attgttttag	cggttcgtca	tctgaaaact	gcattctgca	cggcggtggt	ggggggagga	420
cgaggatgga	gaagcctggg	cggacatatt	tattagctgc	ggtcctaagt	cacgtgtgac	480
attctgtatc	cagtctatcg	gttatcccaa	ggagaacgcc	ctgccggaat	ggccaatcgc	540
cttgagatgt	ccccgccta	tccgcatct	taacatagg	gcattcccca	cagctgcagg	600
caccagtgga	agcgtcttaa	ggggaccatc	ttggttgagg	gcggaagtga	ggactgtgtc	660
gcgctggagg	agcccacaga	ttctcccga	cccacgtgga	agcggcactc	aagatgctgc	720
gccgcgaggc	ccgcctgcgc	cgcgagtacc	tgtaccgcaa	ggcccgggag	gagggcgagc	780
gctcagccca	ggagaggaag	gagcggctgc	ggcgcgcgct	ggaagaaaac	cgcctgattc	840
ccactgagtt	acgccgagag	gctctggcct	tacaggggtc	cctggagttt	gatgatgctg	900
gaggtgaagg	tgtgaccagc	cacgtggatg	atgaataccg	atgggcagga	gtcgaggatc	960
ccaaggttat	gatcactacc	tcccagagacc	ccagttcccc	cctcaagatg	tttgcaaagg	1020
agctgaagct	ggtgttcccc	ggcgcccagc	gaatgaaccg	aggtcgacat	gaagtggggg	1080
cactgggtcg	agcctgcaaa	gccaacggcg	tcaccgatct	gctggtcggt	cacgagcatc	1140
ggggcacacc	tgtggggctc	atcgtcagcc	acctgccctt	tggctctact	gcctacttca	1200
cgctgtgcaa	tgtggtcatg	cggcatgaca	tcccagacct	gggcaccatg	tccgaggtcca	1260
agccccacct	catcacacac	ggcttctcct	cccgcctggg	caagcgggtc	tctgacatcc	1320
tccgatacct	atttcccggt	cccaaagatg	acagccaccg	ggtcatcacc	ttcgcaaacc	1380
aggacgacta	catatcattc	cggcaccatg	tgtataagaa	gacagaccac	cgcaacgtgg	1440
agctcactga	ggtcggggccc	cgttttgagc	tgaagctgta	catgatccgt	ctgggcacgc	1500
tggagcagga	ggccacagca	gacgtggagt	ggcgtggca	cccttacacc	aataccgcac	1560
gcaagagagt	cttccctgagc	accgagttag	cacactcacc	actcagtcag	gacatggact	1620
tggaaactcag	gatggggctg	tcatagacag	accaccagt	aggaactgtc	acagaatggc	1680
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ctttgggtgg	ggacctgatg	gctgtgggac	gtgcttgggc	ctggagtcag	tgtggggggt	1860
aacagagaga	gagatttgat	gctaacgtcc	cctcaagagt	gagggtcata	tgagctcttc	1920
agcaggcaga	tgtgggtagc	agggccagcc	tgtgtcaggg	gcagcccacc	aagttaactc	1980
actgagtgga	agccgccagt	gtgccaacgc	ggaggggaca	ggccacaccc	agtgtcagc	2040
agctgattcc	tcatgtaagt	ggcatcatgt	ggtatttgggt	ttgtgtctgg	cttatttcta	2100
ttaacataat	gttctccagg	ttcctccatg	ttattgcaaa	tgataggatt	tctttccttg	2160
taaaaaataa	catgccacat	tttcttacca	atcgtccac	caatagacac	ttaggtcggt	2220
ttcatagttt	ggcagttgtg	gaaatgctgc	agtaaacadg	ggagtatagc	tatcttttga	2280
agataatgat	ttcatctctt	ttttatatgt	ataccagaa	gtgggattgc	tgcatcaa	2340
ggtgggttcta	tttttaattt	tttgaggaac	cgcatactg	ttttccataa	aggctgtact	2400
aatttccatt	ctcaccaaca	gttcaactagg	gttccctttt	ctccacattg	ttgccaacat	2460
tctttatctt	gtgtttttta	ataacagcta	tcctaacagg	tatgaggtga	tctctctcat	2520
tgcgggttttg	atttgcattt	ccctaacgggt	tgggtgatact	gagcattttt	gcatacaccg	2580
ggtcattttgt	tctttgttgt	tgacttgagt	cccttatata	gtttggatac	tgctgtggcc	2640
tgaatgtttg	tgtcccccaa	aaattcgtat	attgaactct	catccctaag	gtcaacagtt	2700
tagggaagcg	attaggtcct	gaggactctg	ccctcttgca	tagaattagt	gctcttataa	2760

05488722.022450

aagatgccccg	agggagctct	tttggccctc	ctgccatgtg	aggacacagc	tagaagctac	2820
catctgtgaa	ccaggaagcc	cccctcacca	gacactgaat	ctgctggagc	caccatcttg	2880
gacttcccag	cctccagagc	tgtgagaaat	aaatgcctgt	tgtttaagct	aaaaaaaaaa	2940

<210> 6924  
 <211> 1451  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (535)...(116)  
 <223> similar to gi552075 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6924						
tttttttttt	ttgaagttca	aatgtatcaa	attattaaaa	atgcagcatt	tttcacatga	60
gctttaaaga	tgtggaagat	ggggtacaat	taaaaccatg	agagttgtgc	agggaacagc	120
cgtagggcct	gtttgcacct	tcagatattg	cctgctccca	aaaattcaga	cccccagatg	180
cagggcaaga	caataagaaa	gggtgagtg	aagcaaggag	agcctcctgc	taagaggctg	240
aggtccccct	tggttccaag	gatgggatgt	cagccttgac	cttccggggg	ctgcagtggc	300
cagaggtg	ctgtgcctcc	ttcctcctcc	ccttcttg	gga	gcttctgggt	360
cctgctggag	gctggtcccc	tcaggccgct	gggttgag	cctcttagga	aggtctctct	420
ttgcccttcg	tgtcctggaa	ggggccttgc	ttggaggcaa	agcgtcctcc	actctgtcct	480
caggactcag	ctgtgtggcc	ttggatttct	ttttgcggga	cttgcgccct	gcaggacact	540
ggtgttggag	ttggagggtc	ctatcctgcc	caggggtgac	tcccagggtt	gcagggggat	600
aggggtggaga	aggggtgctgt	agcccttgca	ggcgtgaagt	cctttctgct	ctcttagcct	660
attacattag	gagtagctta	cctttgggtg	ccaacgggtc	aggatcccc	taaaatggga	720
tggggataat	tcaggaatca	gcctgggttg	gcacaggggc	ggtattcctt	ggagaggcag	780
gactcacaca	cacccatcca	gatcagtgt	gcttctccct	taggaagcct	ctaggacatc	840
ccccatgtta	gagtccacat	cagcaaagct	gctctgccct	tggctacttt	cacttgggct	900
acctgccttg	ggctacttcc	actagctgca	actctgggac	gcatgggtgg	ggagggatgt	960
gaccctcagg	aacagtgtgg	tccttgagg	gtctagacag	accctgagca	tcaccacccc	1020
agttattgtg	acccacggt	tccacccatc	agcctcctgg	ggtctctgcc	tgtgtgaaca	1080
gtagggccca	acctggaacc	agatggtacg	gccatgccgg	tcctgcagg	agctcatgcc	1140
tggcatgcc	tagcagcgca	gccaggctcg	aaaggcagca	aagtcctcct	ccccgctctc	1200
tgaccgtag	cctttgcccc	ctgtgggaca	gaggaacagg	cagagatcag	agggcaggct	1260
caggttggga	ggagtgggga	gcctgggttag	acctggccca	gacctcagct	acacaagctg	1320
atggactgag	tcaggggcca	cactctccct	cctctgggtga	tgtgacctca	gctggtttct	1380
tcccactcgg	ccatgggttt	cccatcctgg	agtgggatta	agaatccttg	tcctggccct	1440
gtgcagtggc	c					1451

<210> 6925  
 <211> 2727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1546)...(1804)  
 <223> similar to gi288145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6925

cggacgcgtg	ggcgccacc	aggaccccag	ccaggccacg	gggacaacag	gcagcagcgt	60
cagctgcaca	gaggagaaaa	agcatagcaa	gtcacagcaa	ctgaaaaaga	tttttcaaga	120
gtatggcact	gttggcgtgt	cattgcacat	tggaatctca	ttaatttcct	tgggcatatt	180
ttacatgggt	gtgtcaagt	gtgtggacat	gcctgcaatc	ctgctgaaac	tcggatttaa	240
agagtccctg	gtacagtcaa	aaatggcagc	aggcacaagt	accttcgtgg	tggcctatgc	300
aatccacaag	ctgtttgctc	cagtgagaat	cagcattacg	ctagtctctg	tgcccttgat	360
tgtcagatat	tttcgaaaag	tgggattttt	taaacctcca	gctgcaaaac	cttaatgaac	420
tcttcagtcg	tacacactga	aaacctattt	cttctaaatt	acatgatttg	gattggtttt	480
agggtttttag	ggttgtagg	tttcttttgg	agaggtaggg	ggctaattgc	tatgttctca	540
tggataaact	ttgccagcaa	aaatcaggct	tttgaacaat	tttaattttt	tgcctcataa	600
atthttgtgaa	tgctattcat	tatagggctt	gtatatataa	tctaaaatgt	cagcaaggca	660
tcggagatgg	gttaacatct	caaaacaaaa	tagcctacaa	atgttccttg	tgggagactt	720
tggcgagggt	ctgtgggtta	aagcaccagg	gggttaatct	tggctcagtt	tcctaaaaag	780
cattgattaa	tttaactggc	ttttaaatat	ccccctccgc	tgatattttg	tgtcagctgc	840
ctacagttta	atatgcagcg	ttcacaaaa	agctgccagt	gctacaatta	atgaagcaaa	900
acttaatatg	taatcacaa	ctaaattagc	atcaataact	tgacattcat	tacattgggt	960
tgggggaaga	aaagtagttc	tggtagtttt	cattgatccc	cagatacctt	ccaatctgga	1020
catgatgggg	ctgattccag	atggtttttc	tgaattttca	ttaaggtagg	tcagcgtcat	1080
ttgtctctgt	ttaggtaaaa	tataaaaaac	ctgccagcta	gcagtggcat	cgcttggttc	1140
ctgatgccca	tgttccagag	gaattcggat	accacaaaac	gctaagacaa	tctcagcttt	1200
tcttagacaa	tcttctatct	caaacttcag	acattccaga	attgtcatga	tgtttacact	1260
gtctgagtta	aaaatcctgt	tcaagaaaaa	aaaagatttt	gtatcacttc	ttaaaaagga	1320
atattcatag	cacttgtcac	aaatagaagg	caaccatgag	ataatacaag	ccaggagagag	1380
gcttgtatta	catgacaggt	gtaattagtc	tgtctgagca	gctttaccca	atgaagggca	1440
tatgtgttag	agagattagc	taagagtaga	aattcgagca	tagaggccag	gtgcggtggc	1500
tcacgcctgt	aatcccagca	ctttgggagg	ttgaggcagg	cgtgtcactt	gaggccagga	1560
gttcgagacc	agcctggcca	acatgatgaa	accccgcttc	tactacaaat	acaaaaatta	1620
gccgggtgtg	gtggcacacg	cctgtagtcc	cagctactgg	ggaggctgag	gcagcattgc	1680
ttgaaccocag	gaggtggagg	ttgcagttag	ccaagatcac	accactgcac	tcagccctgg	1740
gcgacagagg	gagacactgt	ctccaaaaga	aagaaatccc	agcgtagatc	caaactgaga	1800
cactgaggct	tcgtccttat	agtagtcagg	agcaggcgat	tgaagtaatt	ctgtcctgog	1860
gggttcagca	tcatgcacgt	tccccctggg	ccattctctg	atgcagggca	cttgctccac	1920
actctgggaa	cccagattca	ccagtctgcc	ctgtcacgta	gttgaaggag	ttgcatttat	1980
ctttctggct	cctaattcct	ttaaaattac	atttgttgca	gaacctccac	aaggctaaat	2040
aaaattacat	ttgtgacct	cagagaactg	aataaaccat	taactggcca	tcctggtttt	2100
gcagagatca	ggttgttgac	agttcctggg	tgacccacag	ctacccatgt	cagttatctc	2160
cactaacata	tccaagaatc	ttttagggac	aatttctcca	cctgcaagggt	ctttcaggta	2220
gaactcttct	tttaaggcaa	ttagcccat	gccaaaagggt	tttactgtct	ttaaagctgc	2280
tttctgagat	ctaattccaa	ggacttctcc	acagctaagt	gagatgcctc	acaccattag	2340
gtgatgcttt	ggacagaaca	gagtattttc	atcttgtgtt	taaagcaatt	ccttggtctc	2400
ggctcctcac	cactttctat	gccagtctcc	catttatgtc	cctagtaatg	cctatgcaaa	2460
aaaaaaaaaa	ggaaaaaaaa	gaaacccggg	ggggaaaccc	tacgggttaa	gggcttaaaa	2520
tctccaactt	tggttaggag	taacaggagc	gtgctgagcg	ggcaagcaat	aaaacaaatc	2580
ataccaaaaa	gccacattgc	tctctcctaa	gccccaaccc	cactccactc	ctgtggccag	2640
gggtccaaac	agaaaataac	cggagaagac	aaggagggtca	aaggatcagg	gaactaagca	2700
ttatgtgaat	tcaccagcaa	gatgtac				2727

09720"5228450



<210> 6926  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (478)...(247)  
 <223> similar to gil397275 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6926  
 ccccaaaaaa taataataat taaaaatcta cttaacctgt aaaccgggggt agaggcgcg 60  
 atttcccagc tgaaaccgac tgcctttcac tgcaaagggtc tgttacatcc cagcgctgcc 120  
 caccacccaa agttaacacc aaaggaggttc aaaactcctc aagagtggcc cacagaaaag 180  
 gcgggggact tcagggtttg ccaagatccc aggagccggc caatcccgat tctgcagact 240  
 gttaggtccc ccgacttttt tgcacaccta cctctctggc aaccgaataa tatcccctgg 300  
 ctgtataaga cctccgatct catccacac ggaaatagtg atgctgccc ttttatctgc 360  
 tactttgcac gatctcactt catggccgtc tttggttttg gtcacgcgtc ctatctccag 420  
 gacaataaag acgacattta agtttttcag tccgggctta atatctctta taaaaataag 480  
 tgggtcggtg accctattca tattgggaca ggcgcggtc cggctgcgga gacgcgagtg 540  
 ggcagggcgg ggtcaaagct tcccaccctc ccgggacagg ggcgaaggca gaggggacgac 600  
 cttgggcagg ggtggcgaga gaaggggcaa gaaagccgtt agtcagggac cgggcaaacc 660  
 agccccgaca gcactgagcc taaaaaaaga aaaaaaaaaa 699

<210> 6927  
 <211> 1555  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1456)...(1281)  
 <223> similar to gi4049785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6927  
 ggaattctga gaatggatat ttatataatt ttagagtga agaagccttt ctttgtgtga 60  
 cacctatgga aaaaaacaga aagaaaggat ggatggaatt tgactgatta aaaatgctaa 120  
 actcctatat agtaaaaaat aacaaaccaa attgagaaaa caatatatgc tacaaaaagt 180  
 atagatctca aatacatatt aagagcttaa acatcactac ttttgggaca tttccatgat 240  
 ctacaatccc cttctcaacc aagtgtttcc atttcattct ttccttattg aacgttttca 300

ttattgcttg	tttaattgcc	tgtttatccc	tattaaattg	gaagtataag	aaggcagcaa	360
ccatgtctat	tttgcttatt	ggtgtatcca	taacacctaa	cacagtgcta	cacaaagcaa	420
atgctgaaaa	catacttatt	gaatgagtga	ataatgaatg	aataaatgac	attttataat	480
tcaaggagaa	tcaaactttc	caacagaaaa	ttggaccaag	aacacaaact	ggcaatgcac	540
aataaactaa	aataacctac	taataataaa	tatgaaaaag	tgttttaata	tactagtaat	600
aaaaaatgca	agttaatatg	atatattcct	ttttatatgt	cagaaaaggca	aacgggtataa	660
agaattaaaa	ttcccaggga	caaaaaggaa	gtacagaaat	aaacctctta	cagagtcaac	720
aggaatgtaa	attgattcca	cctttctgaa	aaaatatatt	ggtaatatag	ttttcctgca	780
tgcttagtaa	ttccacttta	gggaaattct	cctttaaatg	ggtcagaaaa	taaaatgagc	840
taagatgtat	ttattcatta	ttcaaaaagt	atatgcaaga	aaggatgttt	atagcagcat	900
tatttgagata	agcagaaaaa	tgtaaataag	cctactttat	agggttgggt	aaatatggta	960
catcctttca	atggaatact	gtgtaccagt	taagaataag	caccatatgt	gtattttattg	1020
aaatgtacga	gctatatatt	tagatgaaaa	aggaagttaa	agaggaatat	ttatagtacg	1080
atcccttttt	aaaaatatat	gtatgcatgt	gtgcattaaa	gagtctgaaa	ggatacttgc	1140
caaagtgtaa	aagcattttat	ctctggggagg	tgagatttgg	agcaattata	ttttcttttt	1200
gcatactgtg	aacttctaata	ttccacaaat	gagcatgtag	tgtctgtaaa	atttttcagg	1260
gaataaacia	tgatgttcac	aatatatatt	aaatgaaaaa	cacatgttat	aaaacagtat	1320
gtatagtatg	acacaatat	tgtaaaaaag	aaaattatat	ataaatatat	ctatgtatgt	1380
atatatatgc	ataagaaagc	tagaaggaca	tacactaaaa	tgtaaatagt	agttatgggt	1440
agtgggatta	tgggtgatta	ttttttcttt	ttgcttttct	gtgttttcta	atttttctac	1500
aatgaacatg	tattacttgt	gtaataaaaa	ctaataataa	aagttttaaa	aatg	1555

<210> 6928

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (739)...(451)

<223> similar to gil771513 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6928

tttttttttt	ggtagttaa	acagaagggt	tcaataaaat	cgacagtctg	ataacataat	60
acccaaaagt	ccaagtttcc	attgaaaatc	attcatcata	ccaagaacca	ggaaaatctc	120
atactgaatg	aaaataggca	gcaagcacac	actggcaata	aaatgagaga	agcgctggga	180
ttgtctgaca	aacattttta	agcaagcaag	cctgatgaaa	atgatttagc	gagtaattat	240
gagcacactt	gaaataaatg	gacaagtaga	aagtcttagc	aaataaatac	aagacttaag	300
ggagaaccaa	atgaagtatt	agaagtggaa	aaatacaacc	accaaataa	aaagtctggc	360
acataggctc	aacagcagaa	tggatggtgc	agagcaaggga	aatccatcca	ctgccaatga	420
aaaagttaga	attacacaat	cttagcaggg	aaaaaataga	ctcggggaga	aagtgaatag	480
aacctcaggc	acctgtgaaa	ctacctcaaa	aggtctcact	ttcatgttgt	catctatgtc	540
tggaggggga	agaggaagag	gacaagcctg	aaaacataaa	gaagtaaattg	gctaaaagct	600
tcccagagtt	ggcaagagac	ataaacctat	atgcttaaga	agctgtgagg	accccaata	660
ggataaaacc	caaagaggtc	tatggcaaga	cacgtgaaaa	aataaaatgt	tggaaactaa	720
agacaaagaa	aatatattga	aagcaacaga	gaaaggtgac	accttaccta	gaaaggaaaa	780
acaattccg						789

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<210> 6929
<211> 1344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (240)...(88)
<223> similar to gi829149 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 6929
actctgttga ccaccgtgaa gttcaggtct taagccaaag catgccactc actccgcacc      60
aggcagtgtc acgtggagag aggccctaca tgtgtgttga gtgtgggaag tgctttggcc     120
ggagttccca cctccttcag catcagcgta tccacactgg agagaagccc tatgtgtgca     180
gtgtatgtgg gaaggccttc agccagagct cagtccttag taaacacagg acaattcaca     240
caggtgagaa gccctatgag tgtaatgagt gtggaaaagc ctttagagtg agctcagatc     300
ttgctcagca tcacaagata catacaggag agaagcctca cgaatgtctt gagtgtcgga     360
aagccttcac tcaactctca catctcattc agcaccagcg gatccacacg ggagaaaggc     420
catatgtgtg tccgttgtgt gggaaagcct tcaaccatag cactgttctg cggagccacc     480
agaggggtaca cactggggag aagcctcaca ggtgcaatga gtgtgggaaa accttcagtg     540
tgaagaggac actgctgcag caccagagga tccacaccgg ggagaagccc tacacgtgca     600
gcgagtgtgg gaaggccttc agcgaccgct cagtcctcat tcagcaccac aacgtgcaca     660
ccggggagaa gccctatgag tgcagtgagt gtgggaagac cttcagccac cgctccacac     720
tgatgaatca cgagcggatc cacaccgagg aaaagcccta tgcattgtac gaattgtgga     780
aggccttcgt tcagcactca cacctgatcc agcaccagaa agtgcacaga aagtgtgtgac     840
ccatggctga cacaagaatc cattctcaca gaaactgcat gtggaaccac aagcagcctt     900
cagcccaaga gaagtctctg ttaactctat aggaagcttt tctttggcga ttcagtgtca     960
caaaataact ccagaaagaa gcacttagcg tgctgttctt gtggaaaaaac ttcagagact    1020
acctgtttta ttttcctcaa catcttgaag ttatgttggg gagtaatcat acaattgtag    1080
agaatttttg taaaaaacag ccataattct ttaacattag tttatttgaa ctaagggaat    1140
ttaaggcata agaaccatta tccaataaaa atcttacatt ccaaataaag ttctttttct    1200
aagaacatta catgcccttc ctaaatatca attaaccata ctaattattg cacttaaaat    1260
ttgaaagtcg gactattttt cagtattctc ttaaaagact aaagtattgt atggataaag    1320
tgatataaaa agataaaaaa aaaa                                     1344

```

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<210> 6930
<211> 1151
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1152)
<223> n = a,t,c or g

<220>

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<221> misc\_feature  
 <222> (850)...(744)  
 <223> similar to gil947086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6930  
 tttttttttt ttacaagatg ccacttgcac gatgctgtgg gtgccttttc attgcaatgc 60  
 ctccatttca gatgtgagaa agttctgggc ctgtagggca tttcaagcct aggtgtgtat 120  
 gggggaggag gggatagatg ttcatttatg caccagatcc tcagatcccc gaggtgggtt 180  
 gcggggaagg ccaggaggagc tgatggataa agccacagct tcagtcctgg cagagttcac 240  
 tgccaggaat ggctgctgac tgcggggcac tgatgggtgg cagccagggc cgaggtgcaa 300  
 acttcttccc acaaggagtt ccagggtgtt agtggcagcc agttcctcag ttaatgggtc 360  
 acctgctgct gcggccactc tctgttgatg cagtaagccg gttgaggggc gtcaaggggc 420  
 tggacaggac accccgcaaa ctttccagcc attcctgctg ttccttctca ctggggcaag 480  
 tgaggacaaa tctccgctct ggggtgacaa tgggtgagtc ggctttccag cgatttctc 540  
 ggatgccctt gggcagggtct tcgtaggctt catatccctg ctcttgttcc ccaagaaaaa 600  
 cctggccctg ctggaaggca tccagtgggt tcttgtaata gagcagcctc cgctcatggc 660  
 aatccagggc gaaccacctt ttcttgaaag gttctttctg ctttggccca gtcttttcca 720  
 tgaagccttg tttgaggtag ttcttggtga ggaatggcac gagctcagac tctgggagtt 780  
 caggaaaggc cattttttagg tactgcagac gggctgcacg gagggcattg aaccagtcca 840  
 ctatctcctt cccactttca tgatacaaaa acagggttct ggtgtggcca tctctcctgt 900  
 aggtgatctg cagcccatgg ggggtgccct tcttctctgt ctggaagggt gcattcaagt 960  
 ccttaatgct gatgacagct ttggggcttt taccctgttc ctttgtgaag tacttcagga 1020  
 ggccttctct tgccagaagt acaaacttcc ttctcagaaa ctgtgagttg tcccttcctc 1080  
 gcttccacag gaatccttct cgggaattcc accacactga ctatggtcta cgatctcaat 1140  
 nnnntcnccc a 1151

<210> 6931  
 <211> 1205  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1206)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1037)...(974)  
 <223> similar to gil870014 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6931  
 cctcagtctc ccaagtagca gggattacag gcatgcacca ccatgcctgg ctaccttttg 60  
 tatcttttagt agagacaggg cttcaccacg ttggccaggc tgggtctcgaa ctctgacgt 120  
 caagcaatcc ccagcctcg gcctcccaaa gtgctgggat tataggtgtg agccactgca 180

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cccggcctcc aagccagcat ctttaatctt acagatgcgt gcccttggtt ctctaaaaag 240
gcttgaaaag tttagtcttc ctgaagttcc cctacgtccc aagtaggaca cagagagaag 300
aacctactcc agaaatggac tgggccagtc acagtcaccc ccactttaat ccgcaggcag 360
cctggaacag tctagaggag atttgtataa aaagtagata ccaaggctgg cgtggcagct 420
ctgtggcagt ggctggggtt gtggggcacta cagtcaggca ggcagccatg gccactagtg 480
tcacggcccc agtgagggcc cctggcttcg ctcacggatg tggccaaga tcaggctcgg 540
ggctcgatcc agcaacagag gcagcagctc ctgctcagca ggggagaagc agcccagcac 600
atgggcctga accgcctcag ggtgcgcggg gcgcccagata cccacccgca gccttggcag 660
tgcattggag ttgaggcagc taatgcagga acggactcca ttgtggcccc tggcactgcc 720
ccccagcttc agagccagtc tccccagggg cttgtccagc tcatcatgca ccaggtagac 780
ttcctcggca gtcagcccaa acagctccgc agcccgggccc acgctgcgcc cgttggcggt 840
cataagccgc cgtggccgga gcaggaccag ttgggcatcc cccagcgggg ccagggcgag 900
gtcggcggca cagtgcgggt cgcgcgtcca actctccgcc acaccagcc gccgcgccag 960
ctgccccagc accgccatgc ccacgctgtg tcgcgtgcgg ggcagtcggg gattccccag 1020
gccagccacc atccaccgct tccccggggg gcgaggntcc aaaacacatc ggctcatggc 1080
tctactcagc cgtgtccgg caccacaaaa accgcccggc ctcatgctgc ccccatcgt 1140
acgcgatggg tccccccggg tnttccgng cngttcccag tacatcgga ccccgatnc 1200
acttt 1205

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<210> 6932
<211> 2362
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2209)...(486)
<223> similar to gi2842416 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 6932
tttttttttt ttacaaaaga gtaaaccattt tattatttgt acatgaatca gtttgggtctg 60
aggatacaca agcatctggc taactcataa aagtagcctg aagtgattga taggagagtg 120
tttgtagtca ttccatttg ctgccacatc ccttacatta tctacttgct aagcactgag 180
aggcccagaa tggacacatc aaactgtcag gaggaacata tgggacactg gcacctgcaa 240
tggttttttt aaaagcagag aatgcagagc agttcacaga ctccacttca aagccagggg 300
tgtgtgggag gtctcccggg gaagagctct gcacaacagg ttcccttggg ggggccagag 360
ggcctctcgg ggaggaacag aaaaaaacca gccaggagtg ctaccgacca gcctcagcca 420
gaatgctgtc agaacaaggc cccaaacatg gcctggcctc agtgatctgg ggatgaacgg 480
tgtcacaagg gaaccacctg aagggtgggc agaggccccc gtggaggagc cacatactct 540
tcctctctca gcagccgcag caggatgttt tttttattct tgggccagct gtagacatga 600
gtgtttctgaa gccagggtggg cacatgctcc ttcttagcat ttgggaagag cacagggatg 660
aatctgaaat tcatgcttcc ttgttttatg aactcaatct gcatcattcg atgaatgtac 720
ttagtatgta agccatgctc atcctcgtcc agctgcgact cagcgccttc cacgtcctgt 780
ttgtatttgg ggctgattgc tacgattatc atcacggtct tatccctaag gtagecgtcc 840
atccatttaa tgatatcaat gcctcggatt ctatcctcaa atatgtcaat tgcagtttgg 900
aagccattta ccaacaaaaa gttaacgaat ttaccacct ccatagctgt gtccatcgaa 960
taagtataa agactttccg caattcttct ggcaaatgac ttgttttttag agttcctctg 1020
gctggagggt tgctaggggg tctaggcaca gcagctgggg acggaggctg gggaacctgt 1080
ggtctcagct ctgcagggca ctccaaggac tccccaggag caccagctct attaggtggc 1140

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tggtgatgtg	gctgggtcctg	gtgccttgga	agccccgga	aggagcagtc	tctctgtgcg	1200
ggcctctctt	cttgggtccca	ggggctggga	taattcagga	taaccttctg	cacaggggtgc	1260
aggcctctca	cactgggtcc	aggcaggggc	tgcccaggca	gagccggctg	gatcacttgc	1320
tggtaggctg	ctcgagggtg	gtcatggcca	tatggcacct	ggtgatcggg	acttccagga	1380
caatggtaat	gatagttcca	tggagcatgt	ggggaaagat	tgggaggcag	catctgtgca	1440
catgctggat	acctctgagg	ttcaaactga	gggaactccc	tggacctgag	aggtctgggg	1500
aggtcctggg	ggtaacacac	ggaggtgagg	ggcaggggcc	tttccagctg	cctgatgccc	1560
aggacatcct	ggggctggga	atcatatccc	gtgtctatgg	ttggcagatc	caggcctgct	1620
cggttcctgt	gaggctgggg	ccgttgccac	atctcctggc	taccgcccga	ggagtctgct	1680
gaggcattag	gtaaactttg	gtctgatttg	tctgagtcac	ggccagtgtc	aggagaagcc	1740
gctgaaagct	gagataccag	ccattgatta	cgtttttcca	taaatgaaaa	ctgatgctct	1800
gcagggaggg	ctccaaccac	agactcagac	gcaggctcgc	tgactgcaga	gcaccagaa	1860
gggaaagctt	tgcccaggcc	tgggtgtctc	ctgcagaaac	tgtcttcact	gtcctccaga	1920
acttgagtgc	gcaggcaggt	gacctgccgg	gatacaggcc	gctggtgatt	tgcaagtttc	1980
agggttgagt	gagcttgaga	aaagtctccg	gaggaattgt	gaagcattgt	gggtgcagac	2040
aagctgttgg	gtgccatgtt	ccttatattt	ggagcaggtg	gttctgattc	ctcttccggg	2100
gaatattctg	ggattggttt	cagcaactga	cttgggtatg	gttctgattc	atcaacctcc	2160
acaggaatgc	ttcggttcat	tctagtttct	tagatccacc	acggacagac	agactgggcc	2220
cggagggtag	tcggctctcg	gcggcttctc	gtctccctcc	accttctccg	ggcccaggta	2280
agtagaagaa	caggctctga	agcaggaagt	ggaagctgta	tgcaaatttc	tacggagcct	2340
aggaagcctc	tgctcaaaat	ct				2362

<210> 6933

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1268)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (860)...(637)

<223> similar to gil054887 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6933

tttttttaaat	ttcaaaatgc	agaattttatt	ttagcaacca	atttttcctaa	cctccccaat	60
gaataataaaa	ttaaccaacg	aaagaggagc	aaaaattatt	ccattttatta	tagaaaaattg	120
ttaaacaatct	ttctataata	aatcatgagt	aaagtcaaaa	gtaaaaactg	aatgtataaaa	180
caaattggag	ctgaaagaca	aggagaacaa	gattttatagg	atgtggtcaa	agcaatgaaa	240
cggagagatt	ccctgattcc	ccttgcaggg	cgtgcgacag	ggnggtgtgg	ctcacctggt	300
cagtagcccc	ctctgcagaa	accccttgcg	agagggggag	cacgcagatg	ggcaagtgca	360
gaggccgggg	tgagggtctt	gggctctggc	tctgcggtag	cgtctagagg	tgggtgcctg	420
caaccccagt	gttacaaagc	tctttcagct	tggccaccac	agacagctgg	agtgttaacc	480
agctcaatgg	accttctgct	ttttcacaag	ggcaaaggac	caggggacag	ctttctgtat	540
tccgagctct	tttccagaat	ccaggaaaaa	tcgggtcaca	cacggacttg	aaggatgaat	600
gcgaggtttt	attgagtggg	ggaaatggct	ttcagcagga	tggatgggga	gctggaaggg	660

tggggatgga	tgaagtggga	aggtgatctt	cccctggagt	tgggcccgcc	aggggctgga	720
ctccgctctg	actgccccga	gccaaacatc	tctcgggtgc	cagacgtccc	tcctcttctc	780
tctttctctg	ctacgtcggt	ttgcgcgcag	tcggccttgc	tcgtatctcc	tcacctgctg	840
gtatgctctg	gaggttgggg	tttgggggtt	atatgggggc	aggatagggg	gcgtggtggg	900
tcaaaaggca	acttttttgg	ccccaacacg	aaacgcctct	tctcatttag	ggccgcgggt	960
atccaggctt	gaggggtggg	ccttagccag	ggaaccgccc	tcttctactc	agtatttccg	1020
tctcctgttc	gtgtcagcaa	tacacagaag	aaaatccatt	ccttatctca	ctaaatgcag	1080
aaactactgg	gagtgaggct	gccataaatc	tcttctggag	aattttactg	gccataaaga	1140
agacagagaa	gaccgcttgc	acctcgcccc	cggtctccga	agcggctgcg	gccccgaccg	1200
gaaagcccc	agcatcgccc	gaaggaatcg	cgactggcat	gcggctccgg	cccggcctcg	1260
ggtacca						1267

<210> 6934  
 <211> 1135  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1136)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (555)...(1072)  
 <223> similar to gi5732934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6934	
tttttttttt	ttctgggtgc aagaggttta tttgggagcc atcccaggaa gcccaggcgc 60
ggggagtggt	gaagagaggg aaggagagag ccccgagga agtacatgaa tgagtgggtt 120
actgctgcgg	gcaactggga ctccatcctg ctgggcatcc tctgagagtt tatgtagaat 180
acacttcaga	attgtcctgc tcaaggacaa tgaagctgag gtctgtctcc ttattgactc 240
agggttgctg	ctcctgggga cattaacccc ccaacacttc tagcttgccc agtgactga 300
ctgagcacac	agctgtggcc accagagaac ctctttgggc tgtgatacag gaaaccatcg 360
gtgtgcatgg	taactctcta gcagtgtcct tcatgcccgg acatggggac acgggcaggc 420
actgctggca	tctgctaacc ccggaggccc atacttcaga accggtcagc tgggccagg 480
cctctctaag	gcccagcggc tctcatgggc aaatgtcagg tgacacagag tcagagaccc 540
tggccaagga	ctccccatcc ggagaggtcc cagagggagg ggcgaggtgg cctctggggg 600
gagctgggcg	gtggggcagg acttgactca ggacaccacc ctctcctgca gacactgggc 660
caggtgcctg	tgccgaagga cccggggcat cgcagggggg aagggggagg aggggcaggc 720
agcgagggct	gcccggagtg ctcggaaggc tccctgcccc accaggtgga ctctggcagg 780
gcccacgctg	cccagaacc gcagggactt gtagcgggga gaggcttcct gaaggcagtg 840
gtccagcttg	tctcgatttt cctctgacag attcctcagc cccctcagcg ccacaaacac 900
ctcgtagtgg	ggagcagagc ccgagagga atccagaatg ctgctctcca cacagccatg 960
gtccagcagc	ttggcccccg cccactgccc cactgcccgg cccagggcct cagagaacag 1020
gtcttcacca	atatcttccc ctgcacact cagggctctg tccagcctgc agatgaacct 1080
gacgactgga	cactgatgta ggaattccnc gncnctgngc tagtgaacta cgatg 1135

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<210> 6935
<211> 2204
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2178)...(334)
<223> similar to gil88684 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 6935
tttttttttt ttggattcac actggtgtct ttttattgga ttttccgtgg gcaacctggg      60
tgcttcgagc tccgctctgg ggcagtggga gctgcccatc ctctcccagc gccttataac      120
aactgggtcc tctgctcctg ggctcaggct gctgccttga gataaaccac gttttccac      180
tgcttctctc ttcaattgtg ccaggctgcc cagccagggg catggcccgg gtgtcctggg      240
tagcaggcac tagttcagag ccccttgcca gcagtacctg cctgtttag tagccctgtcg      300
actccacagt gtacacaaca ccatgggctg gcctacagct tgggtgttag gtggaagaag      360
tggggcgctg cataggttgt gactgggtgg gcgtgccagg cagatgaggc cgggcaaagt      420
ctgtggcgga gggcactgtc gaaggacgtt ggggggaagt gcatcaggcc agcggccatg      480
ggcgaggggc ctgcggtggc cagggaagtgg gccgggaagg ccgggatgac cagggggctg      540
aaggggagtg cagcctggcc cttcaagggg cccgggggtgc cagtgaagtt cagcgggcag      600
tgcagcatgg tgcccctgta ggccctctgg ggcacaggcc ccagggtctg gcccagaagg      660
caggagacca ggcgggacct tgcaggtttg gccccacact tcttggcatc cgccctctta      720
agaaagggag acacggcccc cagtctcttc ccactgtggg cagcacctc ttctccagg      780
ctgcgcttgc tgcccaggcc tgggctactg ggggaaggtgg gcgggagcgt ggggctctcg      840
gctgggacct tggccatggg ggacacccag caggcttttg gcttggggta gaggatgcc      900
tttctggagc cacctttatg gaacgcagaa gggcggttag cgtctccgcc ccacaccagc      960
tggggctctt tcaactgacag cccctctttg ccaggaggcc ccaatagcac cccatcttta     1020
agtctagaga agaagtcctt ggggtgctgg ctgacaggct tcagcacctc ggtgggggtg      1080
gtgtagaagc agcccttgaa gatgggggct gccgggcagg ggccctgctg cgccctctct      1140
ctgaggctgc cacctggggc ctgcaatccc tcttgagggg tcagccggtg cctggagttc      1200
tcagtcaagg ctttggggct ctggggactc tctgggaggt gaacagctgg ggacgcctgg      1260
ggctctgccc catggcgcca gccctcctcc tggcactgca aggcctccac cttgctcacc      1320
tgggccaggga gcttcttttt ggccagtggg gacatgatgc cgtgtgtccc cttgcagtag      1380
aagctggata ggagccgctt gtaggcctca ggacagccgc tggcaccac aaaggacaca      1440
gaagaccagc aggccaggcc ctgctgttct gtgctgttcc tggggggctc ctggctggga      1500
agtgggtgct ggtcagcagc atctgctttg gtctttcctg gcatcatctg gtccatgcgc      1560
cgctcctcct tggccttctt cggcctctcg gtggcccat catccccctt gttctcctta      1620
gccatcttgt actgtttcct gggcttggag gtgggcagcg gcttgtcatc ctcccccttc      1680
aggcgccgca cgtatggcag gaccagcctc tagtagtggc ggcgcgtgca cgtggccccg      1740
ctgggtgctg ctgggctgcc cccagctcgt ttgtacacgt tcttcagag gcggcgcccc      1800
gtcaccagct cataggcccc cagcttctcc actgctttgt agatcttcca caggttaatc      1860
tgcttgaagc cgagatgggg caccctctcg atgggcgtgt gtcgctcctt catgaacttg      1920
tagaggctga ccaggaaggc ctgctcctcc tcccgtcctt gctcctcctc ccgctccccg      1980
cctgcctcgg gggagtccct cagcgagatg gggttctgga ttccgttctg cttgccagca      2040
ggtttggggg atgcagggtg gtctaggggc tcaccctccg tggactgctt cctgttccct      2100
ttgacagggg ctgccatggc ccggagaggt ccctcggaac acgccccgag accctcagcg      2160
cgcggtctgc cggaccggct gcgtgggtct gcccggaat atcg      2204

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054303.25.013100



<210> 6936  
 <211> 959  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (505)...(834)  
 <223> similar to gi296594 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6936

tttttttttt	ttccaggctc	aatattcttt	attgataagc	attagtgaac	cccttgccct	60
gggagctcag	ccagtcctgc	tctcagattc	ctggccttag	gtgggagagc	atcttttcct	120
catggatcaa	ctgtccatgt	ctgactgtgc	ctaacttgcc	agatcatggg	tcagggagac	180
aggcagcagg	tattggaagg	tgatggccag	gtccttttcc	ccagtgaacca	ctctccatct	240
agaagcactc	tgcttcagct	gcgcaggctc	ttccggggac	tctgggagcc	tgctggttag	300
atggaggagt	tgagcctctg	acacctccag	gttctgcctg	ccaagggttc	ctccgcagcc	360
gggctgagct	gagcaggagc	aatgggctct	cgcttctgtc	ctgaggttct	tgggtggtga	420
gcaagagagc	taagggcagg	aggtcttacg	tggtgcctca	taggggatag	agatgccaga	480
gactgcaactg	gaagcggggg	tctccggggg	gggtcttcag	cacctgccac	acctctgggg	540
gaggctccaa	gcccactctgc	ttggcccgcac	accagcgctg	cagccgtgtg	atcccgggtgc	600
agggcccgtg	ctgccaggcc	aggtcaaact	gcctcagcag	ctccagctcc	gcttcctcct	660
cgtcgcgggg	ctggggctcc	tcccctagct	cgggtgccag	ctcccccttg	ctgtgccccag	720
cgggcccctc	cctcctcttc	acaaccgggt	aggaatcagt	gatgagccgc	ttccggccca	780
tggcggccac	ccaggcaggc	agagaaggag	gcaactgcgg	ggaagaggag	agaccggcca	840
gtggggcgca	gaaagacagc	tgctgagaga	gacagacggg	gccaggccag	cggcgggcag	900
acaagatgat	ccagccgaat	tccaccacgc	tggtctagat	gtcgtcagtg	ggtttcaat	959

<210> 6937  
 <211> 1663  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (513)...(1427)  
 <223> similar to gi288145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6937

ctctggccac	tgaaaaactt	ctcactataa	agcatgtatt	caaggattac	caatgcaaat	60
gggcagcaat	taacctggag	accccatgcc	tatggcagtc	tcaagaacgg	aactagagat	120
gctatgtttg	aaaatcgacg	catgattaaa	gcgatacttc	tggaagcatg	cagggcaggc	180

```

ggccccggcca tgacgcacag actctgtaca gccctgcaga cctcagccac catgctaaca 240
ggcgggacact tttaccatgc aatcaagggc acgggatcag ctgctttggg aagacttatt 300
tccacccccct ccagtctctc aggctggagc gcagtggcgt gatctcaact cactgcaacc 360
tctgcctcct aggttcaagc gattcttctg cctcagcctc ctgagtatgt gagactacag 420
gcacgcacca ccacgcccag ctaatgtttg tttttttagc agagatggag tttcaccata 480
ttggccaggc tgggtctcgaa ctcccgatct cgtgatctgc ctgcctgggc ctcccaaaga 540
gctgggatta caggcgtgag ccaactgcgc cagccaggaa gactttcttc atggcaaaaca 600
gtgggttctt tcaggggaca tttctgtaat gtacaaaaga acctgcaaaa acaaaagcac 660
ctaggggagac agaagactgg gaaaggccca tgaagggcag agctctctca gtaatggagg 720
aaactaatag gactgctgct aatggagccc caggtgagcc ctgggattgc aaggccaccg 780
ctggcacagg caaccatgct tgtgtggagg tgcaggcgtg agcccttctg caagggggct 840
ctctgccagc acccatgcag ggctcagaag ggggcctggc tgtggatctt gctgggttcc 900
agcagcacag agggcccactg gcctctgacg caacatacgc ctggggaagt gtgcaggccc 960
agcgggagaca gaactgccaa gagtctggac tcacggtagt cttcagactc gtccaggatc 1020
tcggacctga tgatctctc gatcacgtcc tccagggtga ccaggcccag gacctcgtag 1080
aaggggtcgc cttcacctc gttgttcacc ttctgcacga tggccagggtg ggacttccct 1140
gtggggggag gacactcatg gaacagcttg ctgggcccc cccagtttga ttcattctcc 1200
ctggtatagg cccacaaaaa ggacacggct aacgttcatg ctctacaac gtgccaggca 1260
cagagccaca ctcttttcta ggtttttact taagactccc agcgtgatta tgagaactgg 1320
ccttattttc acacagggtg aaaatgaagc agtgggctca tgcccatctg cacaaggccc 1380
cccaggcaga gctggcagag ctgggatcca gctccaggtc cgtgcacctc catgacatgg 1440
atgcagttta gacaaggatg cctccctcca gtggagaaca caaatgcctc acacatcagc 1500
cagcctgcac atgcaggcta acaagggcac tgactctgga aacacaggct ctctgcgac 1560
agtccacacg gggcagctga gtggggccac ccagcctgac tgtccttggg aggatttct 1620
aagtcttttt cttcttaaag taaatatata tgctgtccat cct 1663

```

<210> 6938

<211> 1237

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1238)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1225)...(947)

<223> similar to gi2634208 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6938

```

tttttttttt ttgcaaaaga aaacagaagc tctttatgcc aaatcacaag gacagacagg 60
ggaatgtggg ggatggacag gagggagggc ctgggcaggc tgccctgcctt ttggcacctt 120
gtgccagggc gagttcccgg acccatccag gagctcttag ttcgttcagt caatttccttg 180
acattttgatg tgccctggctc agaactgggt gctggggaca tctaggtgca taaagccagg 240
ttgcattctg acaggagaga gtcaagccaa cgggccagga caggcctgct gctttattca 300
cagattttaga tgtcgttcca tctgctctcg aagtttgaat ttctggatct ttctgaaat 360
ggtgaggggg tagtttgtga caaacacgat gtacttcgga atcttgaagt gagagatctt 420

```



agatggctga	agagtaaata	ctttctacct	ctggctgaag	gagtgggtgca	gtcaatgact	1140
tggccctttt	tctacagcac	atttagagtt	tgggctctgg	ctccctcagt	aagtgtctta	1200
ttaactcagt	gtgtcaaaat	gaaaacagag	ccctccttcc	ccagtagctc	agtgccacag	1260
accttcagcc	ccacacagct	gtagctatcc	ttaccctgag	tccatctacc	ttaaatctgt	1320
acctctgaca	cccagccagt	ctgtcataat	cattatccca	gttataacct	tgaccaaagg	1380
ggaagagaga	cacttggggg	atatctaggg	gatgagtgc	agaaactatt	tatttatttt	1440
tgagacagag	tctcactctg	tcacccaggc	tggagtgcag	tggcatgatc	ttggctcact	1500
gcaaactctg	ccttttgggt	tcaagcgact	ctcgtgcctc	agcctcctga	gtagctagga	1560
ttacaggtgt	gtgccaccat	gcccgtctca	tttttatatt	tttagtagag	atgggggttt	1620
gccatattgg	ccaggctggg	ctcgaactcc	tggcctcatg	tgatcagccc	accttggcct	1680
cccaaagtgc	tgggatttca	ggcgtgagcc	accacacccg	gccaaaactg	tttattcttg	1740
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ccttgagggg	tttnggacaa	tgttggtttg				1830

<210> 6940  
 <211> 1470  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1005)...(450)  
 <223> similar to gi5668701 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gagggggacc	cagaacggaa ggagagtcag gctgggaaac aaggtaggag aagaggggtct 120
gtcaacatgg	gggcctccgg aggggtgtcag tgggaggagg gggcaacagg acacctgaag 180
gatggaagg	tcaggaggca gacacctgta agaattgtc tcctttactg agcacctccc 240
atgtggctaa	gcagcctcct gtcactcaac accctgcgac ccatacatt tactgtcccc 300
aatttacaga	tagggaaact gggcccagag ggaccccag gtcctagaaa ggacagaagc 360
ggtgccatgc	ccttagctggg gtcagctctg acagtctcta gagtctgtgc tcttgaccac 420
tgtgccatcc	tccccatca ctgggtgtcc ggggtgtgga tgggtggtgat gttggaggca 480
gagtcctca	gcactccacg ccgtagcggg cgaagttgcg gagcagcagg ccgatctcca 540
ggtgcacgg	gccaccagca gctgtgtgca ggcgatagcg gtcggcccca ctgtagatgg 600
tgtcccatg	cagcagctgc ggcccaccac ccacgaaagc ccgtgccaac tgttctcgcc 660
aactgcccag	gggcgcgcac gtggggcagg ccagctggtg ggtgcccggg ctactgggca 720
catggcaaaa	tccatagcct gcaagctggc agcggccaaa gctgtcctgg gaccacacct 780
ggaaatggag	ccggggccag ccttgaagac ctttgggtggc gaagtgcagg tcgatggggg 840
gggaccagta	agccatgtcc cctatctgcg ggggtgtccac ttgcgtttgg ccctcccga 900
cgctgacag	gagcttccat gccgcccctg tgtgaatgcc ccacttgag aagaggctac 960
tttccgagaa	accgctggcc cctatgatct gccgatcac gtgcacctca gccatggccc 1020
ttagcgcact	taacggttag gagaggagaa agcggcaacc ggggtttagg ttcattgggt 1080
tgactgcttc	ttttctccgc gggcgccgac caggcctggc tcgcgcctct ccaggagccc 1140
gcctggctgc	gagatatgta agccgcgata cttccgcgac cgcgctcgtc ttggtttccg 1200
tggttgttgc	tggggcaaca gcaggctcct cccttagctt tgtactcgct ctgcgcgcta 1260
ctaattgggt	ctagccgtct gcggggggcg ggggtgaagc gtgatggaca ttttctcct 1320
ccgtccatt	ttgggaaaat agcgtctctc cagctacggc aaaggggtcc gccattttgg 1380
gcgtggctag	gaagctgcca tgttgagtgt ggctgaggaa gtttgagtgc agtttctccc 1440

agataccttc tttaccaaaa aagcaaattcc

1470

<210> 6941

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (63)...(382)

<223> similar to gil340174 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6941

aagctccac	tgatgctctc	tggaccagcg	tgggtggaatt	cggctggcag	tgcgggcaga	60
gcccggtga	gaggggcggc	cctggaggag	acggaggcgg	cgggtgggccc	cgaggcgcaa	120
gaggaagatg	aggacgaaga	agaggcgctg	ccgcactccg	aggccatgga	cgtgttccag	180
gaggtctgg	ctatggtggt	gcaggacccg	ctgctctgcg	atctgccgat	ccaggttact	240
ctggaagaag	tcaactccca	aatagcccta	gaatacggcc	aggcaatgac	ggtccgagtg	300
tgcaagatgg	atggagaagt	aatgcccgtg	gttgtagtgc	agagtggcac	agtcctggac	360
ctgaagaagg	ccatccagag	atacgtgcag	ctcaagcagg	agcgtgaagg	gggcattcag	420
cacatcagct	ggtcctacgt	gtggaggacg	taccatctga	cctctgcagg	agagaaactc	480
acggaagaca	gaaagaagct	ccgagactac	ggcatccgga	atcgagacga	ggtttccttc	540
atcaaaaagc	tgaggcaaaa	gtgagcctcc	agacaggaca	accctcttca	tcactggtgg	600
ctgagctttt	tcccagcagg	aatgggtcct	cgaatcatcg	tgctcttttc	acagaaagga	660
cgttgtggtg	gcctcacccc	aggcatgccc	aacaggaaact	gtcagcataa	acctgggggc	720
cctcaggact	aggacagggt	gagccagtgc	tccctccttt	catgtacttg	gcctgagact	780
gacctctccc	taggtccaaa	tgccctagtc	acatggcaga	cccacggcct	ggcccaactgt	840
ataaaataaa	cctgtttgct	tcttagtttg	aaaaaaaaaa			880

<210> 6942

<211> 2034

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (283)...(952)

<223> similar to gi2078483 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6942

agcccactat	gcttggatcc	tatacagcgg	gcgcttgggc	gcacttgccg	ggtcaccttg	60
------------	------------	------------	------------	------------	------------	----

tcccggagga	gaaatggctt	ccctgaggca	agtgtaacct	acattcccag	cccaccagcc	120
tgacgccag	ccagggagag	agtaccatgg	atggcatcat	tgaacagaag	agcatgctgg	180
tgcacagtaa	aatcagtgat	gctggcaaga	ggaatggttt	aattaacacc	agaaacttga	240
tggccgagag	cagagatggg	ctgggtgtctg	tttaccacagc	gccccagtac	cagagccacc	300
gggtgggggc	cagcacagtg	ccggccagcc	tggacagcag	caggagtgg	ccgatgcagc	360
agctgctgga	ccccaacacc	ctgcagcagt	cagtggagtc	ccgctaccgg	cccaacatca	420
tcctctattc	agagggcggtg	ctgcgctcct	ggggggacgg	tgtggccgcc	gactgctgcg	480
agaccacctt	catcgaggac	cggtcgccca	ccaaagacag	cctcgagtac	ccgatggga	540
agttcattga	cctctcagct	gatgacataa	aaatccacac	cctgtcctac	gatgtggagg	600
aggaggagga	gttcaggag	ctggagagcg	actactcaag	cgacacagag	agtgaggaca	660
atttcctcat	gatgcccccg	cgggaccacc	tgggcctcag	tgtcttctcc	atgctctgct	720
gcttctggcc	tctgggcac	gcagccttct	acttgtccca	tgagaccaac	aaagccgtgg	780
ccaaggggga	cttgaccag	gccagacca	gctcccggcg	ggcctattc	ctggcagtc	840
tgtccatcac	cattgggact	ggcgtctatg	tgggcgtggc	cgtggccctc	atcgccctacc	900
tctccaagaa	caaccacctg	tgagcttcct	gcgaatggag	ggggagcacc	cggggccagg	960
tctgtgtgga	cgtggaggaa	gcaggcatac	cgcatgatgc	tgtacagtac	aaatgattgc	1020
caaagtatgc	cacgaagccc	tgggatttcc	taccatgga	tttattttgt	ttttatcctt	1080
taatttcatg	ttcacagcac	tgtgtagagc	accagacaga	cgggcactgc	taatccttcc	1140
aaaggaaagc	tccaaagatc	ccagcccgc	aggctgtctc	tggatggatt	ctggtggatg	1200
aatggcaacg	cggctctctg	cagcctgcc	gtgccagag	tgccaccgca	ttagcaatat	1260
acaaacagtc	caaaaaagtg	tttatttttt	atggaatacg	gtgcaatagg	cagaggacaa	1320
gggacacatc	actcttctgt	ctgtggggcc	tgctggagtc	ctttgtgccc	cccggagtcc	1380
acacgccttc	cctgcaagac	gagaatgggg	ctgggaagaa	agaggcaaca	ccacggctgg	1440
caggagcccc	gctgcaactgc	tctgcagacc	cattggcctg	accctgagaa	gcagagccag	1500
caaagcccgg	gacctgcccc	tctttctttc	ccttcacacc	acccagcct	caggatgtca	1560
agccacctcc	ggaacgtgtc	tacactccac	agctaccccg	cagcaatacg	cactcttggg	1620
acctcgctga	tctaggatgg	ggaggcaggc	caccgcccct	cccaagactc	ctcaagaaag	1680
agccccgcgg	ttgctccgga	aactcgaggc	actgcagcta	tgggcactgc	ctcagcctaa	1740
agacacaggg	gcgcctccca	atcaccgcgc	tggcggatgc	tcaccccgtc	ataagcagaa	1800
actagtgtac	ctggaaatga	gatgggcctt	actctgtcga	ctaaatgaat	agctattttc	1860
ttgtcatttt	ttaaagtgc	actcttgctt	catgtgctt	aagttaccag	atgaatgctg	1920
agaaataagt	aatcacagac	attttaatac	catttcattg	ctgttttacg	agtgttcatt	1980
acttaacaaa	aaattatctt	ttagcttttt	cgcttaagac	ttttctttct	gatg	2034

<210> 6943  
 <211> 1755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1209)...(588)  
 <223> similar to gil205993 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6943	
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caaagcatta	gaattcatca agcggactca catcttttct ctgcacagag agggctgaaa 120
agggagagaa	agtcccttat gtatgtctag atttggtaaa gcgaaggatt tcagcgaatg 180
agtcactgag	gctatacacg tttgcaaatt gtaaggcact ggcgggcaga gagcacagat 240

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aaaggacttc tgggggtcccc catcctgtcc agcaacctcc cagctcacac cttagcttct 300
accaagaagg gtgaacacag catccctgct atcttctactc agaccccaga agacacagga 360
aaccgcacag ctccactccc accataactt attaggagat aagtcacatt ttatcaactt 420
gccatcgcg ctcctataga ttatacttcg gtaaacccaa tctgtataaa ttcctttgta 480
ctttgtgcac tttaaatgcc acgattgtga atcacacaag cattgcccac tttgttgaaa 540
gcatttttac tggaaacctca aaggcccacc atgtgggggag caattatattt ttaataccca 600
ctgggcagga cacgcccgtg cccccaaggc cgcagtagcc attgggggttc ttgctcaggt 660
actgctggtg gtagtcttcc gcatagtaga aagtctgtcc ctcccggatg tccgtagtga 720
tggggccgaa gccgtgctct gaaagaacct tttggtagtt ctctttggag ctccagggtg 780
cctccatttg cttggcagag gtcgggtaga tggccgagcg gtactgagtg ccatggtcgt 840
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caaaactcat gtgttctggc tggtagacca ctccgacgac ttctgcatgg ccagtttttt 960
ctgagcagac ttctttataa gtaggatttg aagtatagcc tccctgcaaaa ccaacttgag 1020
ttgaatacac tcctttcaag acccagaatt tcctttcagc tcccagaaa catccattc 1080
caaatacagc catctgtgtt cctctgggga aagggttcgac tgttctgttg ccattgacat 1140
gatgtttgga tttcttgttt gcccttcaag cgaagtctgg tgtcttcagc ttgcctttct 1200
ggtcttcagt gttgtcacta attggttctg aacacattcc gaaggatgtc tttctgattt 1260
gatttgaaag caggtttgta ttgatgaaca aactttattt tgtagaaaat taatattccc 1320
tctaattaga aatttgcctt gccatcttct atattaatcc tgtctctcat ggtataatca 1380
tacatgcaaa aaaatcaaat atagtatttc ccaaatgcat ggacactatg gaagcttcgt 1440
tttgaaaaag gcttttattt cctttaatac tgggtgactaa acgtcattgt atgtaccaac 1500
actttcaaat agcccaagag acttaaaaag ccttctaagt ttgaaaacca aaaagttctg 1560
agtttttctg taccaccagga cgggttttctt tcctgaagct caagccgaga aagcagacaa 1620
aagaagctga tttgactgag ctgtgccaa g tcttgccctt ttttctttcc tcagctctcc 1680
ctctgcctct ctctctccct ctttctctct ctcactcttt tgctcccagt atggccctcg 1740
tgccaagaat ggcgt 1755

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<210> 6944

<211> 1044

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1045)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (172)...(85)

<223> similar to gil216162 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6944

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tttttttttt ttcaatgaat caacatactt tattagacct actaagtgcc aggggagggg 60
cctgtgccct agagccaggt tacagggtct acccgtagat tcagtctggt ctctcccat 120
catgcctctc acttccagtc tgggcttcta ataggagggc cccgacttct tccctccag 180
tcattctctc gaatggagaa tctttcctca ttccagggac accaaggctc aggaaggggc 240
ctatccatca tcagtagagc cagacaagct ctcccatcgg acgtcctgtg gctggggcca 300
gaaatgggtg ccgctgcctg tgggactgcc cttccgggag gaccagggtg tcttcagtgc 360

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tcttggcctg	cacgtggagg	agagtaggca	gatgtctggt	gctctttaag	ctcaaaggca	420
tcatggccct	ctcggaagca	gcgggcacag	aagaggtccc	catcgagccc	agcgagcgt	480
agggtggcat	cctcattgca	gatgcagcac	caggggagct	cctcttcctc	agcctcaggc	540
ctgggggtcca	catcctgggc	ctcaggctct	gccccgcggg	gttgcgtoaa	gggtcgagaa	600
gcctgctctg	cagggatggt	aaagccactt	gcctcatcca	gggcagcttc	ttcagtgaag	660
tgcggacagg	gtgaagatgt	actactcccc	tgcttcaggc	ccaggccctc	catctcccag	720
tatttctgtg	cactgtggac	ttagcttctc	aaactcatct	ttttctttac	ttgtggcctg	780
tggtgctga	ttccctatct	ccagggaaca	gtgggcaggc	ctgggtctgg	gtcacaggag	840
ggggcccaaa	gagaacagga	gcttcacagt	tactgtccac	ccagccccag	agtagagggtg	900
gggcaatgag	gtggagacgg	gacaaggggt	ggcagggtggg	taatccaggc	ccacctgctg	960
caggactctt	tggatggctg	tctcctcatc	ctcgtcgtca	tcactgtctg	gnagncgnaa	1020
gtccncgcga	tgccctcagtc	tcat				1044

<210> 6945  
 <211> 1912  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1392)...(992)  
 <223> similar to gi5912092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6945	
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tttcggtgat	gggcccctccc tgtctggaca ctgccaaacc acagctggag gggcacttaa 120
ggcacgtcat	tttgtgatta gaattacacg aaatttgatt aatattatag ctgcaaaatt 180
aacatacaca	attttctctc ataatttaaa atattttgat gaaattcttt gctttcacia 240
tagaagatca	atggtacaca gtatattgaa ctctgtaaca aaattatttt tgagaaaata 300
cagaagtgag	aaatagtgat ttctcaatt tgtttatagt ctatcacaaa gtaggcaaaa 360
gttcagtatt	aaatagatat cctaataaaa gtttttacia gttttcctaa ggaaatacat 420
tcataagact	gtttaccttc tgtttgacag cagtgcagg aacgtgggga tccccactca 480
tgacgagtc	ctagcactca gcccctggca cccacagccc cggcgcgctc cgtcacctgg 540
tagggagcag	cctgggctgc cgtgagtgag gtgttctcac tctggttccg tgtttgtgtt 600
tagcctgtgc	aattctcgtc aacacagaac acctgcctgc ccacccccgg tgctgaagac 660
cgaccagtca	aggaggtggt ggtgggagtg ttgtgttcac catgtggaga tcaggcggcg 720
attaccgcat	cttctttgct gactttggta accgggtgtc cagggaggag cgatcgggag 780
tggccaagca	gttgccctgga ctacagcttc gactctgcag ctgggagtc gatgcaggcc 840
caagggtcca	ggggagttgt tcagcgctg gaatcgccat gcattgcgag gtggaccgca 900
cgacgctcct	gctctgttct cccaggcaca gacaggcact tgggaaggcag ctttgcctct 960
ctggccaccc	ggaaacctcc cagcagttca gatgggacaa actggggggc tgtcagaaca 1020
gccacttggt	cgggaaggc caggccccgg cctgctccga tgaacgtcag gacggtggct 1080
gcagcaggga	accagggtct gccttggtat tgtccagtag ggtcactgac tgggcagggc 1140
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tggagaataa	ccactgaatc ccaaaaagtc actgcgcttg atctgatcca agtaacagtg 1260
actgcagtta	gggtcgagag cttctccgaa gcagcggtca tgcaggcttt tgtgtggctg 1320
acgcttcctt	ttttcacaa agtaaaaagc tatcaatggg aaattgtgga cttttccac 1380
cagggactca	atggggactc aatgtgcaat attcagtc aaataaactc tttaagaact 1440
cctcctgact	ggtgactgtc aacacttgat ctgaaacgtg aatagtttaa ttttctgag 1500



caaggagctg	cgagtctagc	tttagaaaag	cccctaggag	tgtccacctc	caccacttcc	1560
accgtgcagg	caggtttcag	gtgggttgga	ccctgtggga	cttgccgtct	gagggatgga	1620
tggactccga	gcacctccc	cggctcagca	ccgcggcct	ccgcccactc	aatggactgt	1680
gcctcccaga	gcttgggctg	gatggtctcc	ctgcagagga	ccaggagctc	tgtccaaggc	1740
ctcgccctgg	gacgctggaa	gggggtggga	gggtcagggg	tccggggctc	aggacaggct	1800
caggggtctc	agcaggttct	ccttggaggg	cctgagcctg	gtaggggggc	ggtgccctgg	1860
gccctccat	gccccctggt	ttgttaaggg	ggacagagca	gctgctacga	aa	1912

<210> 6946  
 <211> 1026  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (887)...(254)  
 <223> similar to gi3342737 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6946	
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ccaggcgctg	120
ggccagctca	180
cagagtgaca	240
cccagctgct	300
aagtgtgggg	360
tgtgtccag	420
cagttattta	480
cagttatagc	540
tactggaaga	600
atgaggtgca	660
tacatcttcc	720
agcttctccc	780
ctccagtcgg	840
ttcacatggt	900
ccgtgggcc	960
gcccgcgcgc	1020
gtagat	1026

<210> 6947  
 <211> 951  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature

<222> (1)...(952)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (708)...(387)  
 <223> similar to gi3879776 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6947

tttttttttt	ttatgactcc	atTTTTtctct	tatatTTTcat	ttcagtgtgg	aaggctcttt	60
agaaacacta	ttaacataac	agcatttatgt	caaaaagcgc	caataacatt	ctcaccaact	120
tttcttttta	aaggaattag	gtatagctag	actgtaaaaa	ggcaagtggg	gtgaagccca	180
aacctaagat	cctaagatct	aggatgagtc	aagacttcat	agtctacatg	agtagaggca	240
gcatctagag	gaaaacaaaa	gtatgtggct	atcaaattcc	aaagaagccc	cattttatta	300
cagagaaaat	acaaagccgt	ttcctcacag	ggaaaagtac	agtttccctt	ctccagggtg	360
acagatgagc	cttttccgaa	gttctcagct	ttctcttcta	tcgaaacttc	ccatgtcggg	420
taaagtgttt	gtagagatag	cggatgcggt	tattaagggt	gtgcagggtca	tcagcgaaca	480
ttctacttcc	aaccattttc	ctctttcggg	tacaacgttg	caattcattc	cctttccaac	540
ctcgaagcca	tatggggccc	ctgatcagtt	ctttgggggtg	cttttcaaag	tttcccagga	600
tcccgatgtt	gtcatacact	ccgaacatgg	cccttttctc	gttccaacga	tcaaccactt	660
tggggggcgg	gagagtgagc	cttataaccga	tcaatctagg	cacaccaaga	gagaagcttc	720
tgcacgccag	aggcaccacg	tcccacaggc	gcctacctgc	cccggataag	agggttccctg	780
ccatttctct	agtctccccc	cttcaacagc	acaccaaata	agcccaagaa	gatgacagga	840
accgtccccg	ccaacttcac	acgagtacta	aggcgaagac	agccatcttg	ggccttacct	900
agggaattcca	ccacactgac	atagacatcg	aaantcaaan	nnnncccctc	g	951

<210> 6948  
 <211> 1222  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (538)...(848)  
 <223> similar to gil679850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6948

tttttttttc	agcccaaaact	catgtttctca	actttatttcc	ccatcccaggt	ggtgggtctt	60
ctgtacagtg	gagaaagaag	ggggacccca	ccagggtctat	ggagagacag	tagaggcagg	120
actgaaccgt	cagcaaagat	taaaaggatg	acctgagggt	ggcaaccaca	aaaccaagaa	180
gccagcgggg	gctgccccct	ccaagtctca	ccaatgacct	agagcagggt	ccagagccca	240
aaggcccaaa	agtgcatttc	ccaaaagcca	agggtctggga	gccatcaagg	agctcccaga	300
gatccagcga	cgctcagagg	gcaagggtgt	ctttgatgag	cctgcgcatg	gtgggtggtga	360
ctgagggtgcc	cagggcatca	gtgatctgga	aggagatctt	gtacaggtag	ggctgcacgt	420
cccgaagcc	tgtgtcaaac	acgttatcca	cctccgactg	tgtgggcatc	ttgggcaagt	480

actcatgccg	attcatcacc	tccacgatgt	tgatgatctt	ctcgcagagt	ttctcacc	540
ccttctccc	gcagatctgc	cgctcctgct	ccgtggccag	ggctaccaca	tgcaccttga	600
ccgtccacac	ttcccatggg	atgcactcgt	ctgagaatgg	ccagcgagac	ttcttcttct	660
ggtagaactc	caaggacatc	tgccccagcc	catcgccacc	agagttgcgc	agtgcaccc	720
tgaactcccc	aacaaccttg	cgcagggcac	gatccagttc	ctcagaagag	acacgcacat	780
aagtgaagtc	gatgaagtca	cagtcaacat	cctgggtgcc	cacggtgcca	atggagtagg	840
tgccctcctt	cttgtagtgg	aacttgccctg	tgctgcggtg	cagaagcacc	gtgtgcagca	900
cagccagcat	ggcctcctcc	acctgccgcc	cctccaccga	cacctccagc	acctccgagc	960
gacagttcat	cctgcaccca	gtaaccacac	ccaaggtgtg	gaactaggat	aaagacaggg	1020
gatcttcacc	ctacccaagg	gccacccttg	agtgtagagt	ttggagcacg	gattcctcaa	1080
gctcggctca	tgcccttctc	cctcctcctc	acgcctcgtg	gcgacctccg	caggtacgct	1140
tcaacctccg	cacggcgctg	agccacaaga	gaccagctcc	cccaaccaca	gtccacgacc	1200
agcctctcag	atgccaccac	tc				1222

<210> 6949  
 <211> 1858  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (234)...(1825)  
 <223> similar to gi514388 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6949	
ggaactccct	gtattgagga agaaattaga ctagttggct tcaaagatct aggggaatga 60
catagaccgc	atttatgttg catacatacc actacattct attcccatgc tcatggcagg 120
ccttactaat	caatcataga actttatccc tgtgagacca tcatatatta aaggcagcca 180
gcaccaccca	tgtgtgtgca agaggaaata tatttgccat tccaataact agatgttttag 240
agtgttaggc	tactgccact ccaagcagcc ttgaatgccga gaattaatcc catctgtctt 300
tgtgtcctct	gccagccact accagtgggt taacacccaa cagcatgatc cccgaaaagg 360
agcggcgaaa	catcgccagag cggctgttga gggctcatgtg tgccgacctg ggtgcactga 420
gcgtggtcag	cggaaggag ttctgaagt tggcccagac cttagtagac agtgggtgcc 480
gctatggggc	cttctcggtc actgaaatcc tgggcaactt caacacgctg gcgctgaagc 540
acctgccacg	catgtacaac caggtgaagg tgaaagtgaac ctgtgccttg ggcagcaatg 600
cctgcctagg	catcgggtgtc acctgccact cccagagtgt tggccctgac tctgtctaca 660
tcctcacagc	ctaccaggcc gagggcaacc acatcaagag ctatgtgctt ggtgtgaagg 720
gtgcggacat	tcgcgacagc ggtgaccttg tgcaccactg ggtgcagaac gtgctgtcgg 780
agttcgtgat	gtcggagatc aggacagtgt acgtgacgga ttgcccgggtg agcacgtccg 840
ccttctccaa	ggccggcatg tgccttcgct gctcagcctg tgccttgaac tcggtggtgc 900
agagcgtgct	gagcaagcgg acactgcagg cccgcagcat gcacgaggtc atcgagctgc 960
tcaacgtgtg	cgaggacctg gcgggtccca cgggcctggc caaggagacc ttcgggtcgc 1020
tggaggagac	gtctccacca ccctgctgga actcggtgac ggactcactg ttgctggtgc 1080
atgagcgcta	tgagcagatc tgcgagttct acagccgggc caagaagatg aacctcatcc 1140
agagcctcaa	caagcacctg ctacagcaacc tggcggccat cctgacgccg gtgaagcagg 1200
cagtcacga	gctgagcaac gagagccagc ccaccctgca gctggtgctg cccacctacg 1260
tcaggctgga	gaagctgttc acggccaagg ccaacgacgc aggcactgtc agcaagctct 1320
gccacctctt	cctggaggcg ctcaaggaga acttcaaggt gcacccggcc cacaaggtgg 1380
ccatgatcct	ggacccgcag cagaagctgc ggcctgtgcc accctaccag cacgaggaga 1440

tcatcggcaa	ggtctgtgag	ctcatcaacg	aggtgaagga	gtcctgggcc	gaggaggccg	1500
acttcgagcc	cgctgccaag	aagccccgct	ctgctgccgt	cgagaacccc	gcagctcagg	1560
aagatgatcg	gctaggcaaa	aatgaagtgt	acgattacct	gcaggagccc	ctcttccagg	1620
ctacccttga	tctcttccag	tactgggtcgt	gcgttaccca	aaagcacaca	aaactcgcca	1680
agctcgcctt	ctggctcctg	gcggttccgg	ccgtggggcg	cagaagcggg	tgtgtaaata	1740
tgtgtgaaca	agcgcttcta	atcaaacgga	ggcggtcgt	cagtccagaa	gatatgaata	1800
aactcatgtt	tctgaaatcc	aacatgcttt	aagacttgac	ttcgggggaa	aaaaaaaa	1858

<210> 6950  
 <211> 2578  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1016)...(1128)  
 <223> similar to gi299471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6950	
tttttttata	ttcatacata
tttgaatgtc	ccaaactttg
cttactttgc	atgtagaaaa
tgggcataga	gaaaagggac
tcactaattg	tcttcaacct
tttttacgtg	ccagccctaa
ttgacttgat	tattgtctcc
taccaataaa	ctatttgcta
ttcaacacac	attctgccaa
aaaaagtcac	ctaaatttta
cctcactttt	gaattcttgt
tacctcatat	tttagcagct
ttcaacctga	caatgccagg
tttgaaatta	agtaaaaatg
cttttactgt	acacaaaata
tctgtagtgt	gctatagtca
caatggccct	gtcttcataa
tttatttttt	tttgagacag
caacctcggc	tcactctgcc
ttacagcgac	ccgagatcat
tcttagaaaa	aagaaatcaa
aagatggcag	tgtttacaag
cagttgccac	tttgtcttta
tccttatgga	agaactggcc
taacttttagc	aactagaaac
atgatgatac	tgttacccac
ttgtgtcatg	gaaaaaatg
caaatctatt	tttgtgacaa
tcattctcta	ttaatctgag
atcgggctga	caaataatcc
tttatttcaca	caccacacac
gagttttaa	atataatttc
atataacac	ataagtttat
gattgatcga	gtaaggagaa
atgatactat	aacattactt
gtacctctgag	tgattttgga
attagtaagc	atttattctt
ttccgttgaa	accgtgtact
attgtttaa	gtaaagaata
atggataaaa	atgtaaccca
agggggaacc	tggatgacta
taatctattc	ttcttaaata
taattattcg	tatttataag
ctacatgctc	agccactca
gttcttttaa	tgagttctga
atctttaagg	gcatatgcc
atttcagcat	agcagcagtg
tcttttttta	tttattttat
gaggctgcta	ggcagtgcca
cgtgccccag	gagacggagg
gcggacagag	tgagactctg
ttccatttcc	ttaaattaca
attggaggca	acactttcta
tgaatatcca	taaccagcct
cacaaagatt	ttaggtgtac
agaccagaaa	cttagtaact
atattaagaa	aattcttatt
gggaattcac	caaataata
atacaaataa	ataattatat
gtatattttc	tttgcaaata
ctcaacggct	tctcatcatg

tctcaatacc	acagttaaag	catttcaagt	tgtgaacaat	tttagttata	atgaaggagt	1860
tctataatta	gtgaacatgt	atcacaagaa	atcaggctaa	cttcttccgc	ttcatccttg	1920
gaaacactgt	atthttccacc	acatctgcaa	ctcagataaa	aagagtgatc	acttaggctc	1980
ctgatcgtgg	aaatthttaag	tgtgtcattt	tcctgggaag	ttgaaatgct	tgtgcccttt	2040
gacttaaaga	atctctgatc	cattgggtcat	tccattttac	tgtctctgag	aagtaacttc	2100
attccaagac	atthtttcaa	gatatacttg	agcatctact	ggtcctacat	ttcttagatc	2160
atcttcacac	cgctgcagg	catactctct	ttttgtctct	tcatttccta	gaatthttcca	2220
tgcttgatca	atthtcgatga	acttctgtac	acatttcctcc	actgttcctg	ctggtacatc	2280
tgtactttgt	ttatctggat	gatactcaaa	tcttcagagg	gaggactcca	gaatctctgt	2340
ttcaccaagc	tctccaagca	actgttacgc	gtgctaaaat	ttgagaagca	cactgtttgc	2400
cttgactgct	taaaacaagg	aattcatggg	caagtcagaa	gatgagtgtc	tcacaaaaat	2460
tttctgtga	cagatgcgtc	cttccaagta	tgtacaccaa	aaagaggggg	aaaaaatcca	2520
ataaccatta	atatgagttt	ttgatatttt	tgttttaggt	ctgatataatt	tgcagatg	2578

<210> 6951  
 <211> 1040  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (34)...(279)  
 <223> similar to gi511857 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6951		
gcatggaatt	cggcacgagg agctgtgtca ccaactgtggg tccctgggtg tttcctcacc 60	
ctgtccgtga	cgtggattgg tgcgtcaccc ctcactcctgt ctcggtattgt gggaggctgg 120	
gagtgcgaga	agcattccca accctggcag gtgcttgtgg cctctcgtgg cagggcagtc 180	
tgcggcggtg	ttctggtgca cccccagtgg gtccctcacag ctgcccactg catcaggaag 240	
tgagttaggg	cctgggggtct ggggagcagg tgtctgtgtc ccagaggaat aacagctggg 300	
cattttcccc	aggataacct ctaaggccag ccttgggact gggggagaga gggaaagttc 360	
tggttcagg	cacatgggga ggcagggttg gggctggacc accctcccca tggctgcctg 420	
ggtctccatc	tgtgtccctc tatgtctctt tgtgtcgtt tcattatgtc tcttggtaac 480	
tggtctcggt	tgtgtctctc cgtgtgacta ttttgttctc tctctccctc tcttctctgt 540	
cttcagtctc	catatctccc cctctctctg tccctctctg gtccctctct agccagtgtg 600	
tctcaccctg	tatctctctg ccaggctctg tctctcggtc tctgtctcac ctgtgccttc 660	
tccctactga	acacacgcac gggatgggcc tggggggacc ctgagaaaag gaagggtttt 720	
ggctgggcgc	ggtggctcac acctgtaatc ccagcacttt gggaggccaa ggcaggtaga 780	
tcacctgagg	tcaggagttc gagaccagcc tggctaacat ggtgaaacct cgtctctact 840	
aaaaatacaa	aaaaaaagta gccaggcatg gtggcgcatg cctgtagtcc cagttactca 900	
ggagactagg	gcaggagaat tgcttgaacc tgggaggcaa aggttgagc gagccgagat 960	
ccgtgccact	gcactccagc ctgggtgaca gagtgaagct ccgcctcaaa aaagaaaaaa 1020	
aaaaaagtct	cgacggtcga	1040

<210> 6952

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<211> 4580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4581)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (24)...(3926)
<223> similar to gi4240313 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6952

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gtggactaga gccagggtaa ggggatctgc tagaagttgg tcttccgcca ggactagagt      60
ttcctcgcgg tatatgcctc cgtggcctcc ggaggaccat gtcattagac tttggcagtg      120
tggcactacc agtgcaaaat gaagatgaag agtatgacga agaggactat gaaagagaga      180
aagagttgca gcagttactc acagaccttc cccatgacat gctggatgac gacctctcct      240
ctccagagct ccagtatctg gactgcagcg aggatggcac agacggacaa ccacatcatc      300
ctgagcaatt ggagatgagc tggaatgagc aaatgctgcc caaatctcaa agtgtaaattg      360
gtcccagttg tcaaggtttg gaaccgtata ataaagtgac atataaacct tatcagtctt      420
ctgcccagaa taatggctca ccagcccagg agataacagg aagtgcacac ttcgaaggcc      480
tgcaacaaca attttttaga gctaattgaga actctgcaga aaatatgcag attattcaac      540
ttcaggttct taacaaagca aaagagagac aactggagaa cttaattgaa aagttaaattg      600
aaagtgaacg tcaaatctga tatctgaatc accagcttgt aataataaaa gatgaaaagg      660
atggtttgac tctcagcctt cgagaatcac agaaactctt tcagaatgga aaagaaagag      720
agatacagct tgaagctcaa ataaaagcac tggagactca gatacaagca ttaaaagtca      780
atgaagaaca gatgatcaag aagtccagaa caactgaaat ggctctggaa agcttgaagc      840
agcagctggt ggaccttcat cattctgaat cacttcaacg agctagagaa cagcatgaga      900
gcattgttat gggcctcaca aagaagtacg aagagcaagt attgtcctta caaaagaatt      960
tggatgccac agtcaccgca cttaaagaac aggaagacat ttgctctcgt ctgaaagatc     1020
acgtgaaaca actggaaagg aatcaagaag caatcaagtt agaaaagact gagatcatta     1080
ataagttgac aagaagtcta gaggagagtc aaaagcagtg tgcccacttg ttgcagtcctg     1140
ggtcagtaca agaggtggct cagctacagt tccagctgca gcaagcacag aaggcacatg     1200
ctatgagtgc aaacatgaac aaggctttgc aagaagaatt aacagaacta aaagatgaaa     1260
tttctctcta tgaatctgct gcaaaaactag gaatacatcc aagtgactca gaaggagaat     1320
taaatataga actcactgaa tcgtatgtgg atttgggtat taaaaagggtc aactggaaaa     1380
aatccaaagt taccagcatt gtacaagaag aagacccaaa tgaagagctt tcaaaagatg     1440
agttcattct gaagttaaag gcagaagtac agcgtttgct gggtagcaac tcaatgaagc     1500
gtcatctggt gtctcagtta caaatgacc tcaaagactg tcataagaaa attgaagatc     1560
tccaccaagt gaagaaggat gaaaaaagca ttgaggttga gactaaaaca gatacctcag     1620
aaaaaccaaa gaatcaatta tggcctgagt cttctacttc tgatgttgtc agagatgata     1680
ttctgctgct taaaaatgaa attcaagttt tacaacaaca aaatcaggaa cttaaagaaa     1740
ctgaaggaaa actgagaaat acaaatcaag acttatgtaa tcaaatgaga caaatggtac     1800
aagattttga ccatgacaaa caagaagctg tggataggtg tgaaaggact tatcagcagc     1860
accatgaagc catgaaaact caaatacgtg aaagcctatt agcaaagcat gctttggaga     1920
agcagcagct ctttgaggct tatgagagaa ctcatattgca actgaggtct gagttggata     1980
agttgaataa ggaggtgact gctgtgcagg aatgttacct agaagtgtgc agagagaagg     2040
ataatctaga attgactctc aggaagacca ctgaaaagga gcaacagact caggagaaga     2100
tcaaagaaaa actcattcaa cagcttgaaa aggagtggca gtctaagctg gatcaaacta     2160
taaaggcaat gaaaaagaag accttagatt gtggcagcca aactgaccaa gtaaccacca     2220
gtgatgttat ttccaagaaa gagatggcaa ttatgataga agagcagaag tgcacaatcc     2280

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agcaaaactt	agaacaagag	aaggacatag	ccatcaaggg	ggctatgaag	aaactcgaaa	2340
ttgaattgga	actcaaacat	tgtgaaaata	ttaccaaaaca	ggtagaaata	gctgtgcaaa	2400
atgctcatca	gcgatggctg	ggagaactac	cagagctggc	agagtatcaa	gcacttgtga	2460
aggcagaaca	gaaaaagtgg	gaagaacagc	atgaggtctc	tgtgaacaaa	aggatatcat	2520
ttgctgtttc	tgaagctaaa	gagaaatgga	agagtgaagt	tgaaaatatg	aggaaaaata	2580
tacttcctgg	aaaggaattg	gaagagaaga	ttcattctct	tcagaaggaa	cttgagttaa	2640
agaacgaaga	agtccctgtg	gtcatcaggg	ctgagttagc	taaggctcgg	agtgaatgga	2700
acaaagaaaa	gcaagaagaa	atccacagaa	tccaagaaca	aatgagcaa	gattaccggc	2760
aattttttaga	tgatcaccga	aataaaatta	atgaggtgct	tgcggcagct	aaagaagact	2820
ttatgaaaca	aaaaactgaa	ctacttcttc	agaaggagac	agaattacaa	acttgtctag	2880
accagagtcg	tagagaatgg	actatgcagg	aagccaagcg	gatccaactg	gaaatctatc	2940
agtatgagga	agacatcctg	actgtacttg	gggttctttt	aagtgatacc	caaaaggagc	3000
acatcagtga	ttctgaggac	aagcagcttt	tggaaatcat	gtcgacttgt	tcttcaaaat	3060
ggatgtctgt	gcaatathtt	gaaaaactaa	agggctgcat	acagaaagca	tttcaagata	3120
cacttcctct	gctttgtaga	aacgctgacc	cagaatggaa	aaagagaaat	atggccgagc	3180
tctctaagga	ttctgccagc	cagggcactg	gccaaaggaga	ccctggacct	gctgctggac	3240
accatgctca	gcccttggcc	ttacaagcaa	cagaagcaga	agctgataag	aaaaaggtcc	3300
ttgaaattaa	ggatttatgc	tgtggacact	gattccaaga	actgaaaag	gcaaacgagg	3360
aatgtcaaga	tctgaaagga	aaactggaga	aatgctgtag	gcactttcag	caattagaaa	3420
ggaagcacia	agctgtagtg	gaaaaaattg	gagaagagaa	taataaagtt	gttgaagaat	3480
taatagaaga	aaacaacgac	atgaagaata	aattggaaga	attgcaaaca	ctttgtaaaa	3540
caccaccaag	gtcattgtca	gcagggggcca	ttgaaaatgc	ttgcctgcca	tgcaagtggg	3600
gagccttgga	agaacttcgt	gggcagtaca	ttaaagctgt	aaaaaaaaatt	aaatgtgaca	3660
tgcttcgtta	tattcaggag	agtaagggaac	gagctgcaga	aatggtaaaa	gcagaggtac	3720
tgtgagaacg	tcaagaaacc	gcccgaagaa	tgcgcaataa	ttatttgatt	tgctccaac	3780
agattttgca	ggatgatgga	aaagaagggg	ctgagaaaaa	gattatgaat	gctgctagca	3840
aacttgctac	aatggcaaaa	ttactggaaa	cacctatttc	tagtaagtcc	caaagcaaaa	3900
ctacacagtc	aggtatgtca	aagtgaagtcg	ccaaatgggt	tttctatctt	ttcttcttta	3960
gctattttaat	attttcagta	tgaagaaggc	agggaaaggta	aggagtgaga	gttaatttgt	4020
gaagttttgt	atgttttact	taaactagaa	gtttacgcaa	aaagagtaca	cagtttccaa	4080
tttaagtagg	cagactgagc	atgcccatca	gtttcctatt	gctgcttcca	tccctcgaaa	4140
tgatagaaaa	gattttaaac	agccaaataa	agaatgagac	aaagaagaaa	ttataagtgg	4200
gttttaaaaa	gttgcaagtg	gccaggcatc	atggctcaca	cctgtaatcc	cagcactttg	4260
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ttagggggtcc	ccaaattgaa	tttcgggggg	ctctgtttta	actgtggaga	gagggaaaac	4500
cccgggtttt	ccccaattaa	gcctgttaaa	cacaaacatt	nttaacaccg	canggatttg	4560
tgttgggtgt	caagataatc					4580

<210> 6953

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (107)^{-} \dots (354)$$

```
<223> similar to gi545013 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

```

<400> 6953
atttcctggt ctttccgtgg cgtctgttcc aacgtcagtg cttcctgcct ccagccgggg 60
tcagatcaga gacagacagt tggacgggag cccagcagtc ctggcggggg atgtggggca 120
ggccctgacc ttgccgggac tgtctccttt ctctcagggg tcccagggga cccagcccc 180
acctgccagc ccctccaccg tggctgtcct ccgtgcctct cggccggaca cctcacctgg 240
cctccaaggc acacctgcat atctgggagg cgggggctga cgggtgtaggc tggggcaccc 300
agaccttctt tctcaccttg gccacaaagg ggctgcctg gggagggggg ttggggactc 360
cccagtaact ctgccatagg ccagtaccca ccatagctgc taatacctac caacaccctg 420
ctgcagtaag tgacctgctg aacacagaag cactggaaga agcgtgtgca caggcccctg 480
aactcaggag ggaacaggc atcagagaca catagcagca tcgacctggc catacccaga 540
gaccaggctg tgctcagcgt ccccggaacc tctcctctgg ctctcaacac ctggaccctc 600
ccagctgaga tttcattcat aaatctgacc cccagagggc tgtgcctggc aagaaaggct 660
agcgaggctg tccccagtc tccgggcca agacagaatt taaggagct gcaaagagta 720
ccctgggggtg gcagccatgt gcctgggagg cccctgggtgc cag 763

```

```

<210> 6954
<211> 1653
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1200)...(585)
<223> similar to gi4929617 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6954
ctaaataaat gaatgcagaa tggggacccc tccctcctcc ccatgggaga tgggcagctc 60
agacactcag aaggttgtgt gggagcgagc aaacaaacac ccatgcacac ctgggtcccg 120
tcagtcagat gcaggggaca ggaagtgcc tgccatctac tggatgccag aagacaagac 180
gtgacccacg agtaagtcac ggtttctgtg aggtgtctgt ggcactggca cagggtcaca 240
gtgaaaagcc tctacgcaga ggacagcaga aacccccgc agcctcagga ggcagcatca 300
gatttattta ttcctactca acatgacccg ggaacacagg agcaactctg tacacttcta 360
gaaactcaca gctagctcca aaacaataga aattttaaac taaaaagat gagttgtatt 420
cagcaaatat aaagggtaat ttagactgt gtgaacgttt atcagactat ttacagcacc 480
cgggagacgg gttcaaaatc tcgccggcct ccttctcttc tgaacctccg tgaagccatc 540
ttcccgtttg agcttctcaa gcctccaagt cggggggccc tcgctcgctc cgcccgctct 600
cccaggactc ctctctggat gcccgctctc tggagaactt gtatttcgca cttcggtccc 660
gggaagcccg acgatgtccc cggctgtggc tccgggaacg gctgcggtgg cgccgatgtc 720
tatctcggga ccgggaccgg gacaatttcc tgcgctctcg ggaggtagat cttgaccgcc 780
tccgacgccg atcccgggag cgtgacctcc tgcgactctc ggttcttgat cccgacctcc 840
tgctcagacg ctctctccgt tccctctcct ctctcctcct caagcgatcc tgatttctct 900
tctcctgctt ttcagcgaca gttttctcag cttctttttt cttcgcacga actttttcca 960
cttcataaag aatcttcttg gattcatcca cattaccttc agcccctagc tgttcggtct 1020
tagcaaggag ttttctatt tcttcattta actcatgtac ttttctgcc tttgcagaaa 1080
cttcgcgact gatttctctc tgtgtttctg ccagccgctt cttggcgagc tcagttctcc 1140
gatcacattc agcaataaag gactccaagt gatccattgc ctagcacggg aaaagcacag 1200
cgctataatc aatgatgtgt aaagcgtaaa gtcttagaac ccatttgctt gataggaaat 1260
acactcctag gttcggtttct ttaaagcctg tacattcaag ggaaagatct taaactacac 1320

```



taccactaac	gcattcataa	ttgcattaaa	tcaaggggat	ctgttaaaca	gaatgattgt	1380
ttggaagcat	ggtcttctca	tttgatttac	ttatttccaa	aatttgtaaa	aggacctcca	1440
accctcaata	acattacaaa	gaaattctga	ggaaaattaa	aacacttggc	agcaattcat	1500
agagttctcg	gagggacaga	aaaggctgag	cctagactcg	tgctggaggc	cctcttctgg	1560
ggagttgtga	gagatgcata	tgatgtactc	actggtcttt	gtgagccacg	taaatattat	1620
tccctcatgt	tctgagggta	gggtcccccc	ttt			1653

<210> 6955  
 <211> 6164  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2623)...(2889)  
 <223> similar to gi5902972 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6955						
cgacctctgt	caagggcctg	tgggtccctg	acccctgggt	gagcgagggc	actgctccca	60
tgggcctggg	cactgtgcca	tcctccagtg	ggaaacagga	ggtccccagg	gtctgagaga	120
accatgcagt	ccaggtgtga	aaggggtcct	acaaggtcag	ctgaccatag	agaccttggg	180
accaccagga	aatcgtgggg	gccctcagcc	aggggatggg	gtcagggctc	cttgagcctg	240
ttccgcccac	ctagctcccc	tttaacccca	gggaagaagt	agctcaggtg	gagaccttgg	300
gtctgcatgg	gggtcacgtg	agctgcctgt	agccagcagg	ggggagggct	gggtgctgtc	360
ctgaggatgc	aggtgcaaat	ggccatttct	gggccacctg	tgtgtatcag	catctgcaga	420
ggggcctggg	gtctggctcc	tggggttggc	agccccaggg	gctctgccat	ggctgcccac	480
ggtggtgata	tttctgtctc	gcctgttggg	tgtggggcag	tgccaccctg	tcccatccca	540
cctcatcagc	acagaatgaa	gctggtccta	tactcatcac	ctgtgcacat	gaggaaactg	600
aggccccaag	aggggagccc	aaggtcatat	tactggggat	ctgtgggctg	gcgtctgagc	660
ccagcactgt	ggcttcaagc	ccacatctgc	cctaggaggg	cccaggaggc	cctgtgatgt	720
cattcccccg	tgatgtcatt	cccccatgac	atcattcccc	tgtgatgtca	tacatgtgac	780
gtcattcccc	tgctgtcacc	acatgatgtc	atccccctgtg	gtatcacctc	tgtgatgtca	840
atacctcttt	taatgtcatc	cccatggtgt	cattcccccc	atgatgccat	ccccccatga	900
tgtcagtcce	ccatgatgtc	aatttcccac	aatgtcttcc	cctgtaatgt	caatactccc	960
tttgatgtca	tccccgtaat	gtcatccctt	gtgatgtcat	tcctcatga	tgccagtgtg	1020
atgtcatctc	tgtgatgtca	ttccgtgatg	tcacccccca	tgatgcaatt	cccctgcaat	1080
gtcatgcccc	tgtgatgtca	tcccccggtg	atgtcatccc	cccatgtgat	gccagtctcc	1140
catgatgtcc	cccctgtgat	gtcattcatg	tgacatcatc	ccgtgatatc	attcccgtga	1200
tgtctcccc	atgatgtcat	tccccatgtg	atgtcaattt	cccacgatgt	cacccctctg	1260
acatcatcct	ctgtgatgtc	tcgcccata	tgtcatcccc	catggcgtca	ttcttggtcg	1320
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ttgggcacaa	gtcagaatca	agtgcactct	gccagatgct	gccagggcc	aggatgcagc	1560
tgccctgtgg	ctggccttgg	tgtagagcca	gagtccttgag	caggggctga	ggggacccag	1620
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ggtcactgct	gcctcctcat	ggtatggaat	tgactgagcc	catgctggga	tctggaggcc	1980
ccaaaggaat	gaggcctgtg	gccaggggcc	ggcccaggag	ctgggggtggc	tttcggggga	2040
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gagggcttag	gacccacact	cgaatcttcc	tgggctatgc	agagccagga	agagaggcca	2160
ggtggccttg	gtgggtggca	ttagatgctc	cagccctgcc	tggaaactccc	ttgggggtcg	2220
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aggtctcagc	ttgtcccaa	cccagtcaga	gccagtctca	ctccctgcct	caggcaactg	2580
tgtatgtttt	aatttttatt	tatttatgta	ttcatgagat	agagtctcac	tctgtctccc	2640
aggctggagt	gtagtggcac	catttcgggt	cactgcaacc	tccgcctccc	gggttcgagc	2700
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cccactctcc	atgctgtgag	ccccacggg	ctgggaccgc	agcttgccat	gtgtctctca	3660
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gccaagagcc	cagtgttcc	ggagggtctc	caaactctgg	acctgtaggg	gggtcagggc	4140
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ctccagcacg	actcgggaca	ggcacgtgcg	cccctctgca	ccagctggag	tcctcagga	4380
cacctggctg	gagctgatgg	gcatgggcgg	gtgtgtgcca	gcatgagccc	gcaggtctgt	4440
gagcttcgtc	tccctttcct	tcttcgcagt	gtactaatgg	tcaattgatg	tgcgctggct	4500
gttttatcca	cctactagca	gatgcccggc	tgaaggagga	gcaggccacg	tgccccatt	4560
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ggcaccagaa	agaggaatgc	caggacaggg	taaccagtg	caagtacaaa	cgcacggct	4740
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tgggccgctg	ccaccgcctt	tgaacgtgtc	ggggagcagg	agccaggcca	gagtctggcc	5580
cagaggacag	cgagaagcac	ctgttgatgc	tggggccact	ggaggaagct	ccatccctct	5640
actctcagcc	cgcaccagg	cggccagctc	agagcaccag	gcgtggcgca	agcagggttg	5700
tcgtgggcag	ccagtcccgc	cctgctgcct	ggactgtgcc	cagcgggatg	tggggccgag	5760
caggccagag	aggccgagg	cctggggtct	ctgcggcagc	cacagcccgt	ggtgagtagc	5820
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gcaggcagg	ctgcctgctg	attggcagct	ccggatcagg	cccggtgcct	gcagacctgg	6060
tgctccccctc	gggcagggtg	gggtgcccga	gccgcctgct	ggcttttctg	gcagctcctc	6120
tgtatcagaa	ccaataaagt	gcacttggtc	tcggaaaaaa	aaaa		6164

<210> 6956  
 <211> 2956  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2957)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (94)...(1745)  
 <223> similar to gi5081315 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6956						
gcgagacttt	gtctcaaaat	aacaataaga	agctggggga	gcttggattg	aaagggagga	60
aaagatgtat	tacatcttct	cttgctttct	agtgaagttat	tctccccacc	tcagaagtac	120
cagcttttgg	tgtatcatgc	agattctctc	tttcatgata	aggaatatcg	gaatgctgtg	180
agtaagtata	ccatggcttt	acagcagaag	aaagcgctaa	gtaaaacttc	aaaagtgaga	240
ccttcaactg	gaaattctgc	atctactcca	caaagtcagt	gtcttccatc	tgaaattgaa	300
gtgaaatata	aaatggctga	atgttatata	atgctaaaac	aagataaaga	tgccattgct	360
atacttgatg	ggatcccttc	aagacaaaaga	actcccaaaa	ttaacatgat	gctggcaaac	420
ctgtacaaga	aggctgggtca	ggagcgccct	tcagtcacca	gctataagga	ggtgctgagg	480
cagtgcocat	tagcccttga	tgccattcta	ggcttggtgt	ccctttctgt	aaaaggggca	540
gaggtggcat	ccatgacaat	gaatgtgatc	caaaccgtgc	ctaacttgga	ctggctctct	600
gtgtggatca	aagcgtatgc	ttttgtgcac	actggtgaca	actcaagagc	aatcagtagc	660
atctgttcac	tagagaaaaa	atccttattg	cgagataacg	tggaacctatt	gggaagcttg	720
gcagatctgt	acttcagagc	tgagacaaat	aaaaactctg	tcctcaagtt	tgaacaggca	780
cagatgttgg	atccttatct	gataaaagga	atggatgtat	atggctacct	actggcacga	840
gaagggcggc	tagaggatgt	tgagaacctt	ggatgccggc	ttttcaatat	ctctgatcag	900
catgcagaac	cgtgggtggt	ttctggctgt	cacagcttct	atagcaaacg	ctactcccgg	960
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cttaagggag cagcacttag gaacatgggc agagtccaag aagcaataat ccacttttcgg 1080
gaggccatac ggctcgcacc ttgtcgccta gattgttatg aaggtcttat cgaatgttac 1140
ttagcctcca acagtattcg agaagcaatg gtaatggcta acaacgttta caaaactctg 1200
ggagcaaatg cacagaccct taccctttta gccaccgttt gtcttgaaga cccagtgcga 1260
caggagaaaag ccaaaacatt attagataaa gccctgaccc aaaggccaga ttacatttaag 1320
gctgtggtga aaaaagcaga actacttagc agagaacaga aatatgaaga tggaattgct 1380
ttgctgagga acgcactggc taatcagagt gactgtgtcc tgcacggat cctaggagat 1440
ttcctttagt ctgtcaatga gtatcaggag gcaatggacc agtatagtat agcactaagt 1500
ttggacccca atgaccagaa gtctctagag gggatgcaga agatggagaa ggaggagagt 1560
cccacggatg ccactcagga ggaggatgtg gacgacatgg aagggagtgg ggaagaaggg 1620
gacctggagg gcagcgacag tgaggcggcc cagtgggctg accaggagca gtggttcggc 1680
atgcagtgag ggggcggcag ctccatggcc gcagtggcct gccctgctct gagcacttcc 1740
gtggactgaa ggaaccgtag gagcctgctc tcagaaggac aatgattcag catgtgattg 1800
cagcaggggt ctctgcccc tgcctcccaa ttccctagtc tgacttcatt tctaaaacag 1860
agcctgacca accttccatg tatctccatc ctccctgct ccagccaggg aggactgagg 1920
gagtgtcccg agaccacgc acatgttggg gcttctgggc caagagtact ttttatataa 1980
ctaatttcta aatccaaaag ctcaaggaa agacagtgtt ctgtgacatg gattggtttg 2040
aaggagttag ccaccatccc agcacgataa tgcatctcc caagttggat ggcagcacga 2100
tctggcccta gggagcttcc tgttcccaga agtcattgtc ctgggctatc cagatgtccc 2160
tagtaaatct tgcttccttc tgcaatgtta gtaatgcctt aagctgacag ttgctatttt 2220
gcagaacagt tttcctcttt gcttagctag taacttgctt ctgagcctgg gctgatctga 2280
gaaacagggtg tgacaagagc atgaaccaga ggtgcacctg gggcagttcc ctaataaaac 2340
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ttagtatttt tgtcttattc gcaatgccat tgattcagcc ccagaattat ttgccagaa 2460
aatagacttt ccttnccccc tgggtgttggg aaccccagga gggttggaaa aagctcagga 2520
accctgagct ggttcatctg tttgccatat tgggtagggt aatttcccct ggagcctgag 2580
agtctttggc ccagatttcc agctgcggtc tcccctggct cttttgctgc agctgtgaga 2640
ttgggggtctg gttccagcag tctgtcactg gtcagcctga gtatcacacc ctgagctctg 2700
gggctgggag tttcttcccc acaccctctc ccttgtgcct taagttgcga tggctctgag 2760
tatacaatta atcggagggt aggggtgggt gtcacagcta atcccaaatt caaaaattag 2820
tccaagggtg tgcaaaaatat aaatttgatg tcagtagaaa gtcgtatcct aaaatgtaaa 2880
aactgtaagt gtacagtagt taatgagctc agaacatctg ataactgcaa tttaaaatgg 2940
gcaaaaagtt aaaaaa 2956

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```

<210> 6957
<211> 971
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (847)...(194)
<223> similar to gi5706454 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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attagaggaa cgagggcagt gggcaggaag gtgagacgct gacttttagaa atagctggtg 120
attacagatt taattcatgt tattaactcc ctgcctttta cctcctccct cctcccttgg 180
cacaactgcc agatggatgt ggctggaagt cagaggacat tctcgtgggt tcgtgggcct 240

```



tggcaccat	gacccgataa	actcttcagg	ggacagaagc	tttttgtctg	gagctgcca	1200
caagaaagag	ggcaaggaaa	aaaggctgga	ctccatgact	atatatacat	acatctatct	1260
acatctgcct	gtgtacacac	acaacttttt	atactagtaa	tttattggca	attgggctgg	1320
taattagttg	atgcaaaaag	gaactcaggt	ggagaataat	attgacactt	gcttttctgc	1380
ccccctcagg	ggtgtgtgga	aggcagtgga	ggagttggga	ggggggcagg	gaaatgaaat	1440
ggagttttgt	cctggcnnan	naaaaaaaaa	a			1471

```

<210> 6959
<211> 1287
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (289)...(1033)
<223> similar to gi2384956 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6959						
ggaggcagga	gaacggaagc	tgggagcagg	gaaagccttt	tgtcctgagc	ttttctggca	60
agggactttg	catattggtt	ttgcatctca	tttactttctc	catttggttca	ggataaagat	120
ggggaatccc	ctcctctcca	aacctgcccc	caaacccttc	cttcttgaac	cagaactctc	180
ctctccccgg	tactccttcc	tggaccgcgc	tgggaagccct	ggcggcggcg	gccccgggg	240
cccttggcgc	tgccgcctg	gctgcagccc	aggtatagga	agaatgcgta	tcttttcatc	300
tattacttaa	tccagttctg	tggccactct	tggatattta	caaatatgac	agtcagattc	360
ttttcatttg	gaaaagattc	aatggttgac	actttttatg	ctattggact	tgtgatgcga	420
ctttgccaat	cgtatctct	cctggaactg	ctgcacatat	atggtggcat	tgagtcaaac	480
catcttctcc	caagggtttt	gcagctcaca	gaaagaataa	tcatcctttt	tgtggtgatc	540
accagtcaag	aggaagtcca	agagaaatat	gtggtgtgtg	ttttattcgt	cttttggaat	600
ctattggata	tggttaggta	cacttatagc	atggttatcag	tcataggaat	atcctatgct	660
gtcttgacat	ggctcagtc	aacactatgg	atgccaat	atcctttgtg	tgttcttgct	720
gaagcatttg	ccatctatca	atcgctgcct	tattttgaat	catttggcac	ttattccacc	780
aagctgccct	ttgacttatc	catctatctt	ccatagtgtc	tgaaaatata	tctcatgatg	840
ctctttatag	gtatgtat	tacctacagt	catctatact	cagaaagaag	agacatcctc	900
ggaatctttc	ccattaaaaa	aaagaagatg	tgaagtacag	cattccagtg	tgacacgaga	960
aaagacaggc	tgtggattca	gtgcagtaaa	taaaacacag	gaagtattct	ggtggaaaaa	1020
ttccttgtgt	tttgataaaa	atccattaca	tgaataaact	gcacataccc	ccaaaactct	1080
agacataaca	ggctatgttt	ttcacacatt	gtatttttaa	gacatatata	ttctccatac	1140
cctgcttcac	caaaattcct	gcttcatttg	gattttatac	aagttatact	tacattgtat	1200
gaagtctgat	tattttcctg	taagtttaat	gaaaaatagg	agattagctg	caatagattc	1260
aatttaatta	aaaaaccaa	cttgaaa				1287

```

<210> 6960
<211> 2024
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1769)...(1015)  
 <223> similar to gi4688672 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6960

ctatttttggt	ggtttttgttt	cggctagcta	gatagactat	cagctgaaca	ctctcttgaa	60
ggagttccag	ctaacagagg	agaacactaa	gctccgatat	ctcacctggt	ctcttattga	120
agacatggcc	gccgcgtatt	ttccagactg	catagtcaga	ccctttggct	cctcagtcga	180
cacttttggg	aagttaggat	gtgatttgga	catgtttttg	gatctagatg	aaaccagaaa	240
cctcagcgct	cacaagatct	caggaaat	tctgatggaa	tttcaagtga	aaaatgttcc	300
ttcagaaaaga	attgcaactc	agaagatcct	gtctgtgtta	ggagagtgcc	ttgaccactt	360
tggccctggc	tgtgtgggtg	tgcaaaaaat	attaaatgcc	cgggtgtccgc	tcgtgagggt	420
ctcacaccag	gcctccggat	ttcagtgtga	tttgactacg	aacaatagga	ttgccttgac	480
aagttccgaa	ctcctttata	tatatggtgc	cctagactca	agagtgaag	ccttggtggt	540
cagtgtacgg	tgctgggctc	gagcacattc	actaacaagt	agtattcctg	gtgcatggat	600
tacaaaatttc	tcccttacaa	tgatgggtcat	cttttttctc	cagagaagat	caccccttat	660
tcttccaaca	ctagattcct	taaaaaccct	agcagatgca	gaagataaat	gtgtaataga	720
aggcaacaac	tgcacatttg	ttcgtgactt	gagtagaatt	aaaccttcac	agaacacaga	780
aacattagaa	ttactactga	aggaattttt	tgagtatttt	ggcaattttg	ctttcgataa	840
aaattccata	aatattcgac	aggggaagga	gcaaaaacaaa	cctgattcct	ctcctctgta	900
cattcagaat	ccatttgaaa	cttctctcaa	cataagcaaa	aatgtaagtc	aaagccagct	960
gcaaaaattt	gtagatttgg	cccagaaaag	tgcctggatt	ttacaacagg	aagatacaga	1020
tcgaccttcc	atatcaagta	atcggccctg	ggggctggta	tccctattgc	taccatctgc	1080
tccaaacaga	aagtccttta	ccaagaagaa	aagcaataag	tttgcaattg	aaacagtcaa	1140
aaacttgcta	gaatctttta	aaggtaacag	aacagaaaat	ttcacaaaaa	ccagtgggaa	1200
gagaacaatt	agtactcaga	catgatggct	gctacattgt	gtaaagaact	gggcttagcc	1260
tatcaaatgg	tctgtggact	tacttggaaa	aactgatttg	aaactttcac	agatctcagc	1320
tttcatctga	tgtcactttt	catgatcttc	tcattggccc	ccttaacctg	gtctgaagtt	1380
ctgggatggt	ttcagtttga	tcagtctgat	actcagtggc	actttattaa	aacatcagct	1440
gtggagtgtg	gcggtgcaca	cctgtagtcc	cagctgctca	ggaggctgag	gcaggaggat	1500
ctcttgagcc	caggattttg	aatccatcgt	ggacaacata	gcaagattcc	atctctaaaa	1560
aaaatgaaaa	taaacataag	ccacaaggaa	tgggtgaaag	attattgtaa	tgtgctttta	1620
cgtaaatagg	taaatatact	aaacaaatgc	taaaactcag	ttttaggatg	gaacccatt	1680
gttgatatcc	caccatcagt	ccctgtttag	aaaacattta	aaaatgactt	ttagttacgt	1740
acagtacgtt	ggcaatgaat	accattaagc	ctcaaaaattt	ggtagtgccc	ctcggaatat	1800
gtatatttgt	atttttcaag	cgaagttctc	ttattcacat	ataaattaaa	gtgggttggt	1860
actgatatca	aaaaatgttt	atgtttttag	aacagacatt	tcagtccctg	cattcttagg	1920
tattccaaac	cagattttgat	gacatcaata	gattgcattt	taaaaatatt	gttttgatttt	1980
tctattttta	aaaataaaat	tctgttttcta	actaaaaaaa	aaaa		2024

<210> 6961  
 <211> 2114  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (906)...(444)  
 <223> similar to gi5091552 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6961

tttcgtcggg	ctggaggggc	cgggactggg	cagcgcctaa	agcgcccat	gccgcttaac	60
gcggtctctc	atagccgctc	gccttccttt	cacttcctgt	tccttcagaa	agcgctgtgc	120
cttggacca	ccttacttct	tactattgac	agctcagcta	actcctattc	atccttcaaa	180
acccatctct	ggtggtttgg	ctttgaatga	cagcaagaac	tctgtcttta	atggcttcat	240
tggtagcgta	tgatgattcg	gactcggagg	ctgagacaga	gcatgcagga	agttttaatg	300
ctaccggcca	gcagaaagac	acttctgggtg	tggccagacc	acctgggcag	gattttgcat	360
ctggtacact	ggatgtgccc	aaagcagggg	cacagcccac	aaagcatggc	tcctgtgaag	420
accagggggg	ctatcgccct	ccattggctc	agcttggggg	aagcgatcgg	ggatcttgcc	480
ccagccagag	gctacagtgg	cccgggaagg	agcctcaagt	caccttcccc	atcaaagagc	540
cttcttggtc	ttctctgtgg	acgagccatg	ttccagccag	ccacatgccc	ctggcagctg	600
cccgttttaa	gcaagtaaaa	ctctccagga	actttcccaa	gtcatctttc	catgctcaaa	660
gtgagtctga	aaccgtaggt	aaaaatggca	gctcttttca	gaagaaaaaa	tgtgaggact	720
gtgtggtacc	ctatactccc	agaagactaa	gacagcggca	ggcattaagc	acggagacag	780
gcaagggtaa	agacgtggag	ccacaggggc	cccctgcagg	gcgtgcccc	gccccctctc	840
acgtggggccc	gggagtgtct	gagtttatct	agccatattt	gaatagccat	tataaagaaa	900
ccacagttcc	ccggaaagtg	cttttccacc	tgagaggcca	caggggcccct	gtcaacacca	960
ttcagtgggtg	tccagtcctt	tctaagagcc	acatgcttct	ctccacttct	atggataaaa	1020
ctttcaaggt	atggaacgcc	gtggactccg	ggcactgcct	gcagacctac	tccctgcaca	1080
cagaggcagt	gcggggccgcc	cggtgggctc	cctgtggccg	gcgcctcctc	agtgggtggct	1140
ttgacttcgc	gctgcacct	acagaccttg	aaacaggaac	ccagctatct	agtgggtcgaa	1200
gtgactttag	aatcactacc	ttgaaattcc	atccaaaaga	ccacaacatc	tttttatgtg	1260
gaggcttcag	ctctgaaatg	aaagcttggg	atataaggac	tggcaagggtg	atgagaagct	1320
acaaggcgac	catccagcag	accttgga	tcctgttcc	ccgggaaggc	tccgagttcc	1380
tgagcagcac	agacgttcc	accggggact	cagctgaccg	caccattatt	gcctgggatt	1440
tccggacctc	tgccaaaatc	tccaaccaga	ttttccacga	gagggttcacc	tgccccagcc	1500
tcgccttgca	cccagagagag	cccggtgttc	tggcacagac	caatggcaac	tacctggccc	1560
ttttctccac	tgtgtggccc	taccggatga	gcagacggcg	gcgctatgaa	gggcacaagg	1620
tggagggtcta	ctcagtgggc	tgcgagtgt	ccccaggcgg	tgacttgctg	gtgacgggca	1680
gcgccgatgg	ccgggtcctg	atgtacagct	tccgcacagc	cagccgagca	tgcacactgc	1740
aggggcacac	acaggcctgt	gtcggcacca	cctatcaccc	cgtgctgccc	tccgtcctcg	1800
ccacctgctc	ctggggaggg	gacatgaaga	tctggcactg	agctttttgt	cactgaacct	1860
tcccgatgcc	agctgggctc	ttggactccc	ctcttctca	agggtagatg	agaggaacga	1920
gcacagaggt	tggctgtggg	tcctgggtac	caccttctga	gcctcagttt	cctcatctgt	1980
aaagtgggga	gaaaagtctg	tttgccctcag	gagtggtgagg	actacactag	tgaaagcgcc	2040
tggcgggcag	ccggcgatgc	ccaataaatg	tgtgttttgc	tgttttgttaa	agtgatttca	2100
gcaaaaaaaa	aaaa					2114

<210> 6962  
 <211> 1534  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1017)...(479)



<223> similar to gi3228237 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6962

```
cgacgatttc gtggcgagtc cggggcagga agaacgcacg gatggagaca acaggaagga      60
aagagacctt cctggtcaca cttgggccac aggagaacag gcagcggccc aggaggatcc     120
agggtcctga tgggtggttg gaagctggtt cttagtgtac actcagaaac gtcggccttg     180
ccttgtagggg tcagaccttg catctcagtc agcccaggga gaagaagaag atggtccaca     240
cccaagtga ggaacacac gtttctggag tgaggaggct gaaggcaggg cccagaggag     300
cccgcatcag ggaaacacac gtttctggag tgaggaggct gaaggcaggg cccagaggag     360
agctgagcca tggaaaggag tgtgtgcatg gatggtgagc tagagcaggt gcagggtgcct     420
cagggaggat gtgtgggacg aactgactca gggaaccata agaaatgctt tcaccaaaca     480
ggagaaacct gaaggtcttg gtccagagcc tcagatctta cactggcagc acacagggac     540
acaacagttg gactggcagc aacagggtct gcagcagctg gactggcagc acacggggac     600
acagcagctg gactggcagc agcagggtct gcagcagctg gactggcagc aggatgatcc     660
acagcctgag gagcagcaac agggcttaca acagctggac tgggagcagc cacaagaacc     720
acatcccccc ttggaacccc cacaggagcc acagcccccc ttggagcccc cacaggagcc     780
acagctggtg caggaacagg ctggcaccca ggagcacacg ggcttgcagc agcagacagg     840
cacataacat ctggagccac atccccaca gctggagctg cagccccac agccagagcc     900
acagccccca cggccggagc cacagcccc acagccagag ccacaacccc cacagctgga     960
gccacagccc ccacagccgg agccacagcc tctggagcag ccacagcagc ccatggttct    1020
ggtggattga ggggtggagc ggtagaggag cagggtgagag ggaggtgcag gtgtggagct    1080
ccctgagcct gggctcttta tatacctgtc cagatgtcag gcatgacaca ggggtcccttt    1140
cttgtgactg tttacactat ttttccagag ctctatTTTT ttctcttttg ctagtgactt    1200
ccttctggct cagttgagca tctactttct ttgttttcta aatttgtctt tttccccatt    1260
tgttttggcc cctacaatta aaacctcagc tccaggctgt ctggttcttc ctgcaaagct    1320
ccagggtgct ggtcacctgc tctctgctga ccacatgtga ccaatgggca acagcctctg    1380
cccacgtgct ctaatctttc ctgtgttgac tccctcaata atattaattt tacattttta    1440
gatttcaaaa ttatccacga tctttatact catgccagtc tcagctttcc ggggtgtgta    1500
gaccattctt tgcattgctc taaagaaata cttg                                1534
```

<210> 6963

<211> 2968

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (37)...(2192)

<223> similar to gi806856 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6963

```
atcgtgaccg tgagagaaga agatggggcc cctgcagtgg cgccgcctgg tgtggtggtt      60
agtcgggcta acaagcgag cggcgcgagg ccgggaggca gcggtggcgg gggagccaga     120
ggggcgagg aggaaccgcc gccgccccta caagcagttc tggtagccga tagcttcgat     180
cgccgcttct tccccatctc caaggaccag cctcgggtcc tcttggccct ggccaatgtg     240
```

gcattaattg	actacactct	ggaattcctg	actgccacag	gtgtacagga	aacattttgtc	300
ttttgttgct	ggaagctgc	tcaaatcaaa	gaacattttac	tgaagtcaaa	gtggtgccgc	360
cctacatctc	tcaatgtggt	tcgaataatt	acatcagagc	tctatcgatc	actgggagat	420
gtcctccgtg	atgttgatgc	caaggctttg	gtgcgctctg	actttcttct	ggtgtatggg	480
gatgtcatct	caaacatcaa	tatcaccaga	gcccttgagg	aacacagggt	gagacggaag	540
ctataaaaaa	atgtttctgt	gatgacgatg	atcttcaagg	agtcattccc	cagccaccca	600
actcgttgcc	acgaagacaa	tgtggtagt	gctgtggata	gtaccacaaa	cagggttctc	660
cattttcaga	agacccagg	tctccggcgt	tttgcatthc	ctctgagcct	gtttcagggc	720
agtagtgatg	gagtggagg	tcgatatgat	ttactggatt	gtcatatcag	catctgttct	780
cctcaggtgg	cacaactctt	tacagacaac	tttgactacc	aaactcgaga	tgactttgtg	840
cgaggtctct	tagtgaatga	ggagatccta	gggaaccaga	tccacatgca	cgtaacagct	900
aaggaatatg	gtgcccgtgt	ctccaaccta	cacatgtact	cagctgtctg	tgctgacgtc	960
atccgcccgt	gggtctaccc	tctcacccta	gaggcgaa	tcactgacag	caccaccag	1020
agctgcactc	attcccggca	caacatctac	cgagggcctg	aggtcagcct	gggccatggc	1080
agcatcctag	aggaaaatgt	gctcctgggc	tctggcactg	tcattggcag	caattgcttt	1140
atcaccaaca	gtgtcattgg	ccccggctgc	cacattgagc	caggtgataa	cgtgggtgctg	1200
gaccagacct	acctgtggca	gggtgttcga	gtggcgctg	gagcacagat	ccatcagctc	1260
ctgctttgtg	acaatgctga	ggtcaaggaa	cgagtgcac	tgaaaccacg	ctctgtcctc	1320
actttcccagg	tggtcgtggg	cccaaatac	acgtgcctg	agggtcggg	gatctctttg	1380
caccctccag	atgcagagga	agatgaagat	gatggcgagt	tcagtgatga	ttctggggct	1440
gaccaagaaa	aggacaaagt	gaagatgaaa	ggttacaatc	cagcagaagt	aggagctgct	1500
ggcaagggct	acctctggaa	agctgcaggc	atgaacatgg	aggaagagga	ggaactgcag	1560
cagaatctgt	ggggactcaa	gatcaacatg	gaagaagaga	gtgaaagtga	aagtgcagca	1620
agtatggatt	ctgaggagcc	ggacagccgg	ggaggctccc	ctcagatgga	tgacatcaaa	1680
gtgttccaga	atgaagtttt	aggaacacta	cagcggggca	aagaggagaa	catttcttgt	1740
gacaatctcg	tcctggaaat	caactctctc	aagtatgcct	ataacataag	tctaaaggag	1800
gtgatgcagg	tactgagcca	cgtggtcctg	gagttcccc	tgcaacagat	ggattccccg	1860
cttgactcaa	gccgctactg	tgccctgctg	cttcctctgc	taaaggcctg	gagccctgtt	1920
tttaggaact	acataaagcg	cgcagccgac	catttggaag	cgtttagcagc	cattgaggac	1980
ttcttcctag	agcatgaagc	tcttggtatt	tccatggcca	aggtagctgat	ggctttctac	2040
cagctggaga	tcctggctga	ggaaacaatt	ctgagctggt	tcagccaaag	agatacaact	2100
gacaagggcc	agcagttgct	caagaatcaa	cagctgcaga	ggttcatcca	gtggctaaaa	2160
gaggcagaag	aggagtcac	tgaagatgac	tgaagtcaca	ctgcctgctc	ctttgggtgt	2220
gattgagtg	cctcctggct	cctgggctgg	gacaagtgc	gaactagctg	cagagggatg	2280
agtgaccacc	atccaggctg	agactgaaag	gagcagaggc	tggaactaca	gtattctttc	2340
ccctgctagc	aacctgtgct	ctcccattct	gactgtggag	ttgggatgtg	gaagtggggc	2400
tggaacaaag	cttctgccta	gggaggagct	aagcaggccc	ggcagttgga	ggaaggccag	2460
aggaacagct	ttgtgctccg	gctttccctc	agggaacagc	agagagcagt	tggtcttttc	2520
tgctgcttgt	atatgttaat	attaaaagag	agagtgggtg	atttggtttg	tctccatccc	2580
tgactaatca	gccagtgaag	tatgtgacca	gaatcacatg	atagcctttc	cttaacacct	2640
gggggagagg	gaggacgggt	gtgccaccca	ctaggtggta	ctgtggtacc	ttgctaatta	2700
acctttccca	tggtcatggt	gtagtggagg	gaggagggtc	ttttccagcc	tctgtggacc	2760
aacttgtgat	cctgggggtg	tgtgcctaag	cccgtttcca	tagagtccca	ttttgaacac	2820
ttttctgcca	aaggattatg	ttgccaacca	tatgtaaagc	ccagttcctt	tcacatgcct	2880
tttccagttg	atctggtact	cgttctgtca	ggaagctggg	ccacgcttca	tcagaaataa	2940
ggaaatcagc	tcaaggtcac	atgactct				2968

<210> 6964  
 <211> 1375  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (944)...(793)  
 <223> similar to gill142588 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6964

atgatcactt	ccagagtaga	aaactatgaa	tgtgggatag	ccttctgaaa	aagccacaaa	60
tttatgaaac	attagagaat	tcttccaagg	tgacaaatta	tataatgaaa	aagctgttac	120
cagaaacttt	cagcagacat	cttattgata	atattttaatc	agcattctca	ttgaaatctg	180
aaacaaggta	tcttccatca	gcataacaac	acaacacttg	agctcctagc	caatgtatta	240
agtaaggaaa	acaagtatca	acgaagaact	ataaaaaataa	cttttataca	agaaataatt	300
agaaaatgtg	ttgatagaaa	acctaagaat	aaacacaaca	atgagttagg	tctttatcaa	360
gttataaaat	atgttgaaag	gcacaaaaga	acacctgaaa	aatgatattt	tgtctgaaaa	420
gacttgacat	tgtaaaaata	taatttctct	cccaaatac	taagtttaat	atacttctga	480
agtttacatc	agttttat	taaggaaactt	cacaaactta	tccaaaaatt	ttatgtggaa	540
aagtaaagaa	acacaaatag	ctgaaacaaa	cttgacaaag	caagtagaga	agacacactc	600
tattattaga	tatatcatgt	acttatttta	agctgctgtc	atttaaaca	tgtattacca	660
agtgaataaa	tcaagcagta	gtaagatagt	gagcattcat	acaaaaatcc	aagaagatac	720
aggaattctg	tgtatgacag	tgctattgaa	atcactgggg	aatgaatggc	ttatttaata	780
aatggaagg	tcataggaga	aaaatttttag	ctttctactt	tatatcatat	acaaaaataa	840
aatccaacta	aagaccagaa	tataaaaagc	aaaattttta	aactatgatg	aaagtagaat	900
ccgttacttt	agggttaaca	gatttcttta	aaaaacatgt	aaacatggaa	tagtctgttg	960
aattttggtg	tattggcctc	acaggcaccc	acaaatgtac	acaaagagat	atatatcact	1020
gtgttcctga	atcatgggtt	gtattgccc	aaattggata	taacaaattt	ttatcaattg	1080
tggaatagat	gaataagtgt	gatcatttct	gtgataaaat	acagaattta	gaaacaaaat	1140
ctacctatag	ttatatggat	agattacaat	atataatatt	gagagaaaaa	attaaaatgc	1200
acaaagggaac	acagtataac	atttgtataa	tttaataaga	tcttgcaaag	aacagtactg	1260
tgtattgggtc	atggatccat	atatgacttg	gttgcccttt	gggatgtggg	aaagggttgg	1320
tgggagttgt	tatatttatac	tgtaatatatt	ctttaataaa	agagtgaag	caaat	1375

<210> 6965  
 <211> 1734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1735)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (952)...(1144)  
 <223> similar to gil561608 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6965

ttttgctccg	gctgcaggaa	ttcggcacga	gggaacaagg	tctgtacccc	acttttctct	60
ctgtgagcag	tctggacttc	tcaactgctac	atgatgagta	tcttccccctt	tccggatctg	120
ctgagccgga	cagcagtgtc	ggactgcaca	gccccggggc	tccacattgc	tgtacgcaca	180
gagatgatat	gcaagttcct	ggtacagctc	agcatggatt	tcagctccta	ctacaaccgg	240
gagcctcgac	cacacctctt	tggtcagatg	ttcgtccgcc	tgcagcttct	gagagctgtg	300
cgtgaggtgc	tccatactgg	cctggctatg	ctgggtctcc	ctccactgag	ccacatttaa	360
ggccacagag	gctccaatac	ctgggaatgt	tcacaaagtc	atcaactgga	aaaaaagcaa	420
aaacccacgg	ccaaaataaa	ttggtactgt	ttgttacaaa	gttctgtctt	gtcatgggga	480
gtcgggcata	ttcttggcag	caactccactc	accttcagct	cctgcaccga	catcaggaac	540
ccacggccac	cacctctctc	cctcaaggca	tgtctgagcat	gggcacagac	agcccttccc	600
tgtctcatgc	tgtctgtgag	caggccccat	gcccagcacg	ccagccaccg	caggatacct	660
cagtcatacc	agttgtaaac	ctcaagcccc	tgacccccaa	gggcacaacg	gtggccaaac	720
tcagggtcca	caggccagca	gtccatgtca	gccacatcag	gcacatggaa	cacagtgtca	780
ttcatgaagg	tgggttcacc	atgccccaga	cgccagaagg	tcagccgttg	atcaatggag	840
gctgagacca	tgatgcttgg	gcttaggatc	ttgaggcctg	tcacatgggc	agcatgtgca	900
caggggacag	agtattctct	tagcacacgc	agctggggta	ccagcccagc	ctctcccaca	960
gcctcttcta	gctgtagcat	ctccacagca	agcacgaaga	catggaggga	tccatcttca	1020
ctgccactgg	ccacgagatg	gtggccctca	cgggtgggca	aggtgtgcag	gctgttgata	1080
ccacagctgt	gggcctggag	agtcaggggag	ggggtgccaa	gccggtaggg	aagcccagga	1140
tccactggag	gctccaggac	agtggagtca	tgggtctagca	tgggtggtag	atcccagaaa	1200
gccaggctgc	catcagtagc	tgcgctgcac	aggaggagcc	tccgcctctg	gttgggtgcc	1260
tcgtgtgtaa	aggagtggac	cttgaggaca	catcgcttat	ggtggaaggt	ttcagcaagg	1320
agctgcagaa	tccgccocaga	atcctgcaaa	agaaagagcc	ttacggcccc	atcactacag	1380
gctgcagcca	caaggggggc	aaggccgggc	tgggtcaagtt	cacacacagc	aagggacatg	1440
tacctggtct	ctgggtctac	cttaaccatc	cgatgccgat	tgcgttgccg	gtcccaatac	1500
tcattctagcc	ggtgggacga	aagggtgcatg	acatggcagg	cgaggcggtc	tgggggtgctg	1560
gggtccggag	taaccatgat	gctgaagcag	tgcattctcag	cccgcctccc	cgcagacacc	1620
acatgggcag	tcaggcctgg	ctgaggatcc	tgagggccac	ctgggggtgcc	aatgccccac	1680
acagccacag	cacgtaccga	gaaaataaag	ttcaacagcc	ttnnntgcgt	gcga	1734

<210> 6966

<211> 1653

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (68)...(1490)

<223> similar to gi4091879 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6966

cagccttact	gaacatcttt	ccttcttttca	gccaaactgct	cactcgctca	cctccctcct	60
tggcaccatg	accacctgca	gccgccagtt	cacctctctc	agctccatga	agggctcctg	120
cggcatcgga	ggcggcatcg	ggggcggctc	cagccgcata	tcttcgctcc	tggccggagg	180
gtcctgccgt	gccccagca	cctacggggg	cggcctgtct	gtctcctctc	gcttctcctc	240
tgggggagcc	tgcgggctgg	ggggcggcta	tggcgggtgg	ttcagcagca	gcagcagctt	300
tggtagtggc	ttcgggggag	gatatggtgg	tggccttggg	gctggcttcg	gtgggtggctt	360
gggtgctggc	tttgggtggg	gttttgctgg	tggtagtggg	cttctggtgg	gcagtgagaa	420
ggtgaccatg	cagaacctca	atgaccgcct	ggcctcctac	ctggacaagg	tgcgtgctct	480

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ggaggaggcc aacgccgacc tggaaagtga gatccgtgac tgggtaccaga ggcagcggcc 540
cagtgcagatc aaagactaca gtccctactt caagaccatc gaggacctga ggaacaagat 600
cattgcggcc accattgaga atgcgcagcc cattttgcag attgacaatg ccaggctggc 660
agccgatgac ttcaggacca agtatgagca cgaactggcc ctgcggcaga ctgtggaggc 720
cgacgtcaat ggctgcgcc ggggtgttga tgagctgacc ctggccagga ctgacctgga 780
gatgcagatc gaaggcctga aggaggagct ggcctacctg aggaagaacc actaggagga 840
gatgcttgct ctgcgaggtc agaccggtgg agaagtgaac gtggagacgg atgccgcacc 900
tggcgtggac ctgagctgca tcctgaatga gatgcgcaac cagtacgagc agatggcaga 960
gaaaaaccgc agagacgctg agacctggtt cctgagcaag accgaggagc tgaacaaaga 1020
agtggcctcc aacagcgaac tggtagagag cagccgcagt gagggtgacgg agctccggag 1080
ggtgctccag ggctgggaga ttgagctgca gtcccagctc agcatgaaag catccctgga 1140
gaacagcctg gaggagacca aaggccgcta ctgcatgcag ctgtcccaga tccagggact 1200
gattggcagt gtggaggagc agctggccca gctacgctgt gagatggagc agcagagcca 1260
ggagtaccag atcttgctgg atgtgaagac gcggctggag caggagattg ccacctaccg 1320
ccgctgctg gagggcgagg atgccacact ttctcccag caagcatctg gccaatccta 1380
ttcttcccgc gaggcttcca cctcctcctc gtcctcttcg agccgtcaga cccggcccat 1440
cctcaaggag cagagctcat ccagcttcag ccagggccag agctcctaga actgagctgc 1500
ctctaccaca gcctcctgcc caccagctgg cctcacctcc tgaaggcccg ggtcaggacc 1560
ctgctctcct ggccgagttc ccagctatct cccctgctcc tctgctgggtg gtgggctaata 1620
aaagctgact ttctggttga tgcaaaaaaa aaa 1653

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<210> 6967

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (714)...(296)

<223> similar to gi4929751 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6967

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tttttttttt ttcacacgca caacttggga atttaatctt cacttttcct cccataaata 60
tagagtgagg gtgtgatacc agccccagcc cagtctcctt ggggtctgca tctctgcttc 120
ctggcagcct cttgagtcga cttggggatt tgacgtcagt tgctcagctc cattcctttc 180
cttctggact tggggagggtc cgggatatgt cggggagtgat gtcagtgcag gggactgagg 240
gggtgggttc cattcttccc tcttagcccc cttcaaccaa tgatccaagt tcaaggagct 300
catctctgtt tttcagacca tcgagctagt gccttgaagt ctccggaaca gcgcacccag 360
gaaggggatg ttgcagacat tgcccaggaa gccgaaggcg acagggaaaa agcccttaaa 420
gaggctgaag aatccgtagg tttccaggaa catgccgagg aggggccagc gtaggagcac 480
gataaccaca cccccaggga ggaagctggg tcccttgagt ttgtgccgtt ggaagaagaa 540
ccaaaagggtc ttctcaggc caatgatgag ggacaggccc gtcaggaaca gcaggtttcc 600
aaaggccagg agcacggaat caaagtacag gagtgttcca aagaggatga agaagatgcc 660
gaaaccggtg atccccacac caatcttctg ccattcggtg atggagatca tgccgcactc 720
agcctggggg gctttccggg tggaaagcgg caagtggagc gtggcccaga ggacgcagct 780
ggtacatggt cacgggaagc tgacccttgg ttaagttgcg aaatgagcct gtggcgaatc 840
attaactctc cctccagccc ccgctccacc ccgcacacc acgcagggtgc ttctactcgc 900
cagctccctc ctcccgtttt ccggtagggc aatg 934

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<210> 6968  
 <211> 1009  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (692)...(977)  
 <223> similar to gi5902566 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6968  
 atactcctgc tgacccccca tctctccgcc ccgggtctga cgggggagtg cccgtggctc 60  
 gggctcactc ccactatctc tacggacaca tgctctccgc cttccgggac tagccatggc 120  
 ccccaagggt ggcttccctc ttctgggttt cacaggctcc tctggccctg acccctcttg 180  
 ctcggtcccc ttcttccgc agctcctagt ctcgccgtg actttccggt tgccttgat 240  
 ctccagaatat attcgctccac cccctcggca cccattacc ccgagtcaca ccgtgtgtcc 300  
 gttgtaagtc cgggtgatgt ggctgggggt tcctgggtatt gtggaggcac ccagggtgtc 360  
 catgcttggg attctggggg aaggagagaa gggcagctca ggggtgatgt gaagccaccc 420  
 ttctctctct ggaccagcc tggctcgcac tgcaacctcc accaggacca ggatcctggg 480  
 ccacaggctg ggatggtcct tccaagaaag ggtcatttca gacgcagccc tgcttgggct 540  
 attcaatctt aggggtgtcta tccacgtctg gctgtgccaa atgggtctggc agctgggttt 600  
 ggcattccca gcatcaccac tcttccaacc catcacctg actgcagttc ctgcccccat 660  
 tctcttgggg tcaggaggag gctgggaagg gctactgaag gccccattct cccacaggat 720  
 ggtgaggctg ggaggaggaa gactgaggta gagattccag gccctggcat aagctgaatc 780  
 ccaaatttgg gtttgggaag aaccagagag aaatggatcc ctgagctctg agccaagggt 840  
 gaggatgggg aaactctaag ctccaccta ataagaagca taggcagacc agccagaggg 900  
 agagccaatg gcctctggtg gccttaagcc caaaaggcag tgggaatgtc ccctgcccc 960  
 accatcgggt ggagcttctg ctgggctatg gggaaggagg gtttctcgg 1009

<210> 6969  
 <211> 1533  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1525)...(1282)  
 <223> similar to gi2337952 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6969  
 ggccgcggtg gcactgcctg atgctcggcc cagtgtgccg gtgccccgct gggtagacagt 60

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ggactcccag ggcgcagcat gagcagggtga cagactgttg gctgaagggtg aggggtgtcca 120
ccctcccagg cacacgttcc agggagcacg gcactcaagc agggccgtca gactgggctc 180
tggtgcccag aagctgtgca ggccggagag aagcactacc acccttcctg cgcgctatgt 240
gtcaggagcg gccagatggt tgcagaaggc gaaaagatgt atcttcaagg ttcctccatc 300
tggcatccgg cgtgtcgaca agcagccaga actgaagaca gaaacaagga aaccagaact 360
tcctcagaga gcatcatttc tgtccctgct tccagcacct caggggtctcc gagccgtgtg 420
atztatctgt tgtttatagt ggtgcagaca cgtcacatca acagccgaca gttggggctt 480
gccagacacc caggcgggac cctgcagagt ttgcaaataa cggcacggat ctgtgtacat 540
caacacgcac gctctcccag cgtgttccct aaaagaagca agttaagggt caagcttggt 600
ggtgagatcc tggactacag ggacttgga gcccttccta aaagtaaggc catctatgac 660
atcgaccgcc ccgacatgat ctctactca ccctacatca gccactctgc aggggacagg 720
cagagctacg gcgagtcccc tcagttgctc tcgccaacgc cgaccgaggg ggatcaggat 780
gaccggctct acaagcagtg ccggacctcc agcccaagct ccaactgggtc ggtagcctc 840
gggcgctaca ctccgacctc acgggtcacca cagcactaca gccgtccagc tgccaggcga 900
tcggatgggg aggatggaag cttggaccag gataacagga agaagagcag ctggctgatg 960
ctcaaggggg atgcagacac aaggaccaat tctccagacc tggacaccca ggccttgtcc 1020
cacagcagcg ggaccgacag agaccctctc caaaggatgg caggggacag ctttactca 1080
caatacaaga tctatccgta tgactccctc atcgtcacaa accgaattcg cgtgaaactg 1140
cccaaagacg tggaccggac gagactggag agacacttgt cgcccgagga gttccaggaa 1200
gtgtttggga tgagcatcga ggagtttgac cgcttgccc tctggaagag gaatgacctt 1260
aagaagaaag cccttttggt ctgacggctg ccagcctgcc ccaactggtgt gtgccgggcg 1320
ccgaggccag gggccccctg cgagaaccgc acacaccct cccacacacc ttgctctggc 1380
ttctctgtgt ccatgggggtg ggcgggaggg ggtccccag caggtgcggc ccctgcacct 1440
gccggcgaca ctctgcccg tagtttaggg ccgagacggc tagcttcacg ccacccttcc 1500
ccgctgtggc ttggtgtcag ggataggctg taa 1533

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<210> 6970
<211> 1153
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (972)...(428)
<223> similar to gil945762 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6970
tttttttttt ttgggtgtgc aaaacttctt ctttactgtt caactcctta caacttgcac 60
aaaggcgtca tttctacctc agagctgggg gaagtcataa ttagtgtacc acctatgtgc 120
tgggcacagt gaattttaat gcctcccctt tagaggagag gttatgataa tgtgaagacc 180
cccccccacc acaaagggtt tccggcactt tgggtgcaaaa aggattgggt caatcttctg 240
ctggcttggg gtacagaaaag gcaactgaagt tgggtggctca aactcctctg ggctgggggt 300
gggcagagggt gaacagggaa gtaagtgggt tgggacaggc aggtttggat gtgggcttgg 360
gttcttggct acggaggtag ttggtcctgc gtgggggatg ggggtggaag ggcagcttga 420
gcctcagggt ggggtggatg tgcgtgtgct gccccatct gccagctca ccagctcact 480
gctctggaac cacagctgga tctcccgtg gggccccctc acggagtcgc tggcgtggat 540
gacattcctg ctgatgtgga cgctgaagtc accccttatg gttcctgggg cagcctcagc 600
cgagtcgggt tgtccaatca tggccctcga ggcgcggacg acattgtacc cttcccagac 660
catggccacc acaggcccag agctcatgta gcggatgagg gcagggtaga agggcttctt 720

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ccgcaggtcc	tggtagtgt	cggcaaggac	gctctctggt	gcctgcagca	tcttcatccc	780
caccagcgtg	aagccccgcc	tctcaaagcg	ctggatcacg	tccccaacga	gccgccgttg	840
cacgccatcg	ggcttcaccg	ccaccagggt	ccgctcccgg	gtccaggagg	gccctccttc	900
ctatagtccc	aggctgctcc	agagccaagc	taccctccgg	catcgggtcc	ctggtttcca	960
gaggagccca	gaccctgtat	gtcccacaga	atctggacag	agccaaagg	gctccgccag	1020
gccaggagga	aaagttaacc	ccagcaggcg	gctgaagccc	acgggaggaa	gacccccctg	1080
ttggtttgtt	ccccaaaaac	ccagtttgca	gggcgccttg	tgtagcctgg	ggctctgctg	1140
cggctggtgc	ggg					1153

```

<210> 6971
<211> 1127
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (748)...(1026)
<223> similar to gi501027 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6971						
tttcgtcctg	ggtcctgagt	ttgagaaagc	agagcctcgc	cccagcaggt	actcacagcc	60
agagtgcggg	ggccccagca	ggttctcaca	gccagccggt	gggtgcacct	cagagcacag	120
gggccagag	ccaggccact	ccttcagggc	cccaggtcgc	ttgctgccag	ttttggcctg	180
tgagctcact	ggcctcagt	ccaggtaagg	acagccacct	tcctgggaag	aagagggtgac	240
cccgggtctg	gtggatttcc	cacaggggcc	gtcagaggat	gtccacagag	gcagagccct	300
tggggcctgt	gggctgggtt	gggctgggtg	atgtggggcc	tgggacttct	ccagaagctt	360
acttcctgct	gcatgctttg	ccgactgtcc	ttccacctct	aagtgtccat	cgtgcctgtg	420
ggggctgctg	caggctcctg	ctccgtcagc	ccacctgctg	ctgcgctgct	ctgggagcga	480
gctccctcat	ggcatctgga	acgctctcct	gtcctccctg	tgctcagggc	tggagagagg	540
gtggcggggc	tgcgggctcc	ccgggccttc	tgggcccagc	cctgccacct	gggcccacct	600
cctctcactg	tctctggctc	acgcttcccg	ggcctggagc	tgggacctgc	ccataggcat	660
ctgaagacac	gtcagcctca	gccgggggga	gcccttgctt	gacgctctct	ggcctccggg	720
ctgcctctcg	cgcccgtctt	gggcccgtct	ttcttctcat	gatgtctttc	ctttcacctc	780
ctgcgttgct	tgacatcgct	gctctcttca	taaattgtag	cgttttatgt	tttcgttcat	840
aggagtgttt	tatttgattt	ttctttatatt	taaattatta	catttaagtt	ctttttatatt	900
tatgctctag	gttttgaagt	ttttctaatt	tcttaatttt	tttggtgttt	tttggtttgt	960
tttggttttg	tttttatgta	ctgtattttc	agtgttttaa	ccaaacagtt	gtggctactc	1020
atgggtgagga	atgaccgcta	agagtttggg	ttctttcagt	gcatttggag	gtcactgcta	1080
cacgttgatg	tttagcagct	tgagagggtt	gcctttagtg	tccacag		1127

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<210> 6972
<211> 1491
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (870)...(672)  
 <223> similar to gi65184 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6972

ttaattaaat	ttaatcccag	ggaaattaga	tgtcgaattt	gaacacctaa	ctttccatgt	60
actctctcat	ttttgtcgga	agtgtttcta	tactctaata	cctttacaaa	tgtgattttt	120
ctcttagctc	gtttgaagta	tgagaattag	agtttttggt	ctcgcatcca	cctgctacat	180
ctaggattgc	ccactgtcat	gactcccagg	gaaaagggtcc	tatcttaggc	ttcctcctcc	240
ctactttcct	ctacatgggt	cagcactgta	atgtaggcta	aggatatagg	taagggcatt	300
gctccctccc	ccctacactt	caaggagggt	cacagggtcta	atgggggggag	ttcaggaagg	360
ccagagtatt	aatatcccca	tctgtgtctt	ttgccttcca	tgaacctggg	ttttgagccc	420
tctcttgtaa	aatgggcaca	gtaatattac	ctacctcagg	gagttgtgag	gattaaacat	480
gaagtgtctaa	gcatagtgcc	tggtacaaag	acagtactca	ataagtgtcta	cctaaaacta	540
gtattcatag	caatactgtt	aggataaaga	attatcatat	atgagatagt	tccaaatttt	600
tgttttttta	aaaaaaaaag	agttttataa	gttcaagata	atattttctt	acttcaaaga	660
aacaatctca	caacgaggga	atggtaagaa	tcaggagaga	ttactaacct	ggcagaggag	720
ctatcacaat	cacaaagggtg	gtttttccag	ggcacggctc	atccattaca	ctccagatgt	780
gctgacccct	gccatttccc	caaagtgtgg	aaacccaact	gcacagtttg	tagtagtggg	840
tgactgtgtt	catgcgctcc	cctgaaaaca	acaacaacaa	caaagaatca	gaagagatac	900
taggctgtct	aattcctaaa	tccaaacctg	atattttctaa	gtaagattat	aagaattttt	960
attgcatttt	ctgaatttgc	ttttgcataa	gttatgttat	ttttacaggg	tctatattac	1020
tattatttct	tagaataata	ctaattataa	aacaaaattc	tgtatatcac	atttaaattgt	1080
aatttaatat	aattataatc	acaagacaag	accaaacttt	gttgataatc	ctcagtaatt	1140
gcgaaagggg	tatatacatg	taggccagca	tacatgcata	aactacttct	tattgctagt	1200
ctaattgatc	catatgtagc	aaatacagca	gttcagcaat	atcttgtgct	tacaggggtcc	1260
taagcagagg	tgatgagtca	agtgtaaata	tatatatata	tttttttatt	tttcatggca	1320
attgtatatt	agtaacctgg	ggagaaaagg	tttattgaca	accactctga	tccatctgct	1380
gctattttta	ctgctaattt	ggtgcacatt	aaaaagaatg	atcatgaaaa	gatattactt	1440
tgagttaaaa	gtatatatat	atatatatat	atatatatat	atatacacac	c	1491

<210> 6973  
 <211> 1976  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (296)...(1147)  
 <223> similar to gi3924670 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6973

aatttcccgg	gtcgacgatt	tcgtgcaacc	ctctggaggc	agcgcgcccg	cgggcagcct	60
cggtgtggct	ccttgggctc	tgttggcggc	ggcgctagct	tcggagtctc	ccgcgcgcac	120

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ctcagccgcc tcctagcggc gcggcgctcg ctccctacgcc taaaatgacc aatgtgtgat 180
ttcagtgga taaatggcgt ccaaagtcac agatgctata gtctggatat aaaagaagat 240
tggagcatat gatcaacaaa tatgggaaaa atctgttgaa cagagagaaa tcaaggggct 300
aaggaataaa ccaaagaaaa cagcacatgt gaaaccagac ctcatagatg ttgatcttgt 360
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tttcataata ttaaaagtat tcctgaagta ctttattatt tcattatatc atttttacct 1920
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```

<210> 6974

<211> 6248

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (388)...(3582)

<223> similar to gi5689559 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6974

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```

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cttcacac 6248

```

<210> 6975

<211> 2085

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (781)...(785)

<223> similar to gi3646270 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 6975
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taatagaaaa atattaagct agattaagaa aaatatattg ataaaaatat tgaattaagt    180
gtaaaatcct tttggataaa atatgtgaat taagtgtaaa atccttaata ttcccaaggc    240
ttgggcaggt cacctctttg agaaaaatga ggtggttaag gtcaaactct taggaagaaa    300
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tgtgaagtct gaaactaata actatttcag aattttaaag aagaaaatgg ctaatataga    420
caggattact aattcaaggt attccaagtt ttgtttaata aagaccagcc acttttaatt    480
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cccaggtaat tactaacctg tacttactgt ttttaatcat taagatgtta actttcagaa   1440
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```

<210> 6976

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (157)...(289)

<223> similar to gi205610 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

**09-03-2017**

<210> 6977

<212> DNA

<213> Home

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (386) \dots (2221)$$

<223> similar to gi560153 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

5641

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2468

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<210> 6978
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (275)...(146)
<223> similar to gil480863 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6978
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tctcctaata cgtttccgaa gtagcagcag cagcaccacc accagcagca gcagcagcag 180
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393

```

<210> 6979

<211> 651  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (424)...(7)  
 <223> similar to gi65184 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 cacgaagggtg gtttttccag agcaaggctt agcagtttta ctgtggatgt gctgaccctt 300  
 gtgatttccc cgaatgtggg aatcttgatt acataatttg tggcagtggg gaactgtgtc 360  
 tgtgtttttc cctgggttgt tgtcgtttta aaagtggatt ttgtttgctg tgggaagcata 420  
 tacaaggcgt tagtataaac taataaacag gtctttgttc ccatctgtaa cttactttca 480  
 aagtaaagat ttgcccaggt agtggttggt tctcacgctt gtaatctcag tagtctgtga 540  
 gatgcattga taactttatg ttaataccgc tcgagctctg gagtttgatg tcagtgtggt 600  
 caaatatggt ggacccgtct ctactaatct cttaactttt ttttttgctt t 651

<210> 6980  
 <211> 2035  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2036)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1793)...(676)  
 <223> similar to gi5523990 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6980  
 tttttttttt ttacacaatt ctctagttta tttgtccgaa ataaatacaa cctgagaaca 60  
 tccatttcaa tgtcccaaaa cactatttat cccctgaaaa agcagcttaa aatatgggtg 120  
 cacattttgc agcttatgtt ctttggttag gctctgaagg gtgtttgttc tgggctgggc 180  
 taggctgggc ctactgttag agacacacct aagttccgtt ctctgtttgg aggctgcacc 240  
 cagcctgagt cccaccagt cccctccaag agccctgatg ctgcttccgg agcacctgtc 300  
 ttcatgtcct ctcccttctg cagcctgaaa ggagggatgt tcaggactct gcagctctgt 360  
 gtccagccct tgcagagagc tttgtcctct gacatcagct accacacagg ctcatcttca 420



actggcacag	aaaggtttac	ttctgaccct	acagcagctt	accaggggca	aagtgagaga	480
aactgaagca	cagctggtat	atgggtttaa	agtactctcc	ctttaaccct	gccagagggc	540
tgagagtccc	taaaaaatac	agaaggggac	actgcctgcc	tactccagtt	attccctggg	600
gccctgggcc	actagggagc	aggaggacgg	ggaggccaca	ggccaccctt	tgtctcctct	660
ttgtgggtga	ggctcagagg	attgggtcca	tgttctcctg	gtctgaggct	gcctcatcat	720
catctgggga	ctccagactg	aggctcctgc	ccgcgcgcag	ggtggcatag	aagtgcagca	780
cacgggggtc	acagcgaaac	gccatggggg	caaagtccag	cacacgtagg	ccctgcaggc	840
tgcgggcccg	agaaaaggcc	acataggcct	ggccactggc	aaacacacgg	cccagagaaa	900
tctccacaca	atccagggtc	atgccttggc	tcttgtggat	ggacatcgcc	caggccagct	960
ggagggggcag	ctgctgccga	ctgaggagct	ggcccccggt	ggcctgcacc	gtccagcggt	1020
cagctgtgat	gacctcagtg	actccacaca	ggaaccgcac	ctggggtagc	cctctccctt	1080
ctgcctcgaa	cccaactacc	acccctcggg	caccattcac	caggccccga	gacaccgata	1140
agttttttcac	cagcatcacc	tgggccccca	gctttagtgt	aaggagcttg	ctaacaggac	1200
actgggcatc	cagggtagct	gccagctcag	ggttgctgtc	catagcctca	aatctgtgta	1260
ccttacctgg	cagctcctga	agccgcctct	cgttgggtgag	ggccacatca	tcctggtggg	1320
tgcagagcct	cgtggccaca	atcccatctc	gccccacctt	gtgggaagct	gtggcctgga	1380
gctggcggggt	cacctcatct	gaacacctgc	ctaacctcac	ggcctgcagt	aaaaaaaaaga	1440
aggtttgggt	tgctgcctc	cccccttggt	tcagctccag	ggtcactggc	acaccctttt	1500
ttcaggtttt	ggactggaaa	caaaaccgtg	ggggctggga	gcccttggtc	acaggtggca	1560
gctgcaaaaa	gtccccccag	atgatgagct	ggatccctcc	gaatggcttg	ttttgctgcc	1620
ggacagcttt	ggccccggcc	tccagtttgt	caaacaggct	tgctccacc	attgagatct	1680
cgtcaatgac	caaccgctgg	cagttcagcc	agccctgcgc	cacgcctggc	ctttggggcca	1740
gggccacaca	ctgggctaga	ggagcctggc	ctgagccgat	gcctgcaaag	gcatggaggg	1800
tggtgcccc	gatgtggcag	gctgccacc	cagtgctggc	agtggcctca	gtgcctgtgg	1860
ggggcagtga	gcccaggatt	gccttagca	gatatgactt	ccctgttctt	gcctccccag	1920
tgaagaagat	gctctggcct	ttcagggcgg	ccctcagcac	acgcagctgt	tcctcagaaa	1980
gctgtggcct	ggctcgtgcc	gaattentac	aqgccqgtgc	aaqqqqnnnt	ccatt	2035

```
<210> 6981
<211> 1027
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (452)...(651)
<223> similar to gi536845 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6981					
cgatttgact	ataaaaaatat	gccaacatca	atgatgacac	aatgtttaga	attatctggc	60
ttagcttgca	aagcagccat	cataaaaaata	ctccaatgaa	caattaaaaac	attcttgtag	120
ctaataaaaa	tttatttgga	aagcttcaac	aaagaaatag	gaagtcataa	ccaaaaatag	180
aagataaaaag	agtcaaatgg	aaaattttga	actgaagaat	acaataacca	atataaaaaa	240
ctcaatgcat	gggcagaatg	gaggagacag	aggaaatatt	ggtgaactgg	aggaaacaat	300
ataaattgac	catctataca	acagagagaa	gatagagtga	aaaaaagatg	aaaggaacct	360
caaagacctt	cgagattata	gcaaaaaaaa	ccaaaataaa	acaaaaccaa	aaaccaacaa	420
acagacagac	aaaaaaattaa	cccttgcatt	ccttgagtc	tagaagaccg	gaagattggca	480
gacctgaaaa	acattctaag	aaataatggc	tgaatgtgt	ttaaatttag	ccaagacat	540
aaatatacag	atttaagaaa	ctgagtgaat	cccaaatagg	ataaactcac	agaaattcat	600



<210> 6983  
 <211> 2002  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1109)...(143)  
 <223> similar to gi4929553 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6983  
 cccggacctg cccacgctgc gtgccaaagt gcagggactg ctgcagttcc tgaggggatgc 60  
 cctgtccatt tccaatgcac ataccgtgga tttctacaca gaatccgtgt gggaggagct 120  
 ggctcgacttg ccaccggaga cagtgtctggc tgcgctgagg aagtcagcgt cggagacgga 180  
 ggccctgccc tcagagacgc gcccctagt ggaagcagag tgggaagcag gtatgactga 240  
 ttttccaaa atattttgtg aaacttctca gaagttggtg agtgtggaag cctttgctct 300  
 ggctgcgaaa tactattctg taaaaaactt gggaatatgt actccttttg aacagttgct 360  
 tgtagccctt cgaggaaatc aaaaccagag aattggtgaa aatcagaagg cagttgagtt 420  
 tatgaatatg aagaaatctc atgaagttca ggcaatgtca gagctgatta gcagtattgc 480  
 tgactactat ggaataaagc aggtgattga cttgggttcc ggtaaaggct acctaagctc 540  
 ttttttgccc ttgaagtatg gcttataagt ttatggaatt gattcttcaa ataccaatac 600  
 tcatggagct gaggagagaa acagaaaatt gaagaaacat tggaaactct gtcattgctca 660  
 gtcaagatta gatgtcaatg gactagcatt aaaaatggca aaagaaagga aagtgaaaaa 720  
 taaagttaaa aataaagctg atactgagga agtgtttaac aacagtccta caaatcaaga 780  
 aaagatgcct acctcagcta ttttgccctga ttttctggc tctgtaattt ctaatatcag 840  
 aaaccaaaatg gaaacccttc attctcagcc acatcaagaa gaaaatttgt gttttgaaaa 900  
 ttcccttttct cttataaacc ttttgccctat taatgctgta gagcctactt cttcacagca 960  
 aatacccaac agagaaacat ctgaagccaa taaagagaga agaaaaatga catcaaagtc 1020  
 aagtgaatca aatatatatt cacctttaac ctcttttatc actgctgatt cagaactcca 1080  
 tgacattatt aaagatttgg aggattgttt gatggtgggt ctccacactt gtggtgatct 1140  
 ggctccaaat actttgcgaa tatctacctc caactctgaa atcaaggag tttgcagtgt 1200  
 gggttgttgc taccacctct tatctgaaga atttgaaaac cagcataaag aacgtactca 1260  
 ggaaaagtgg ggatttccaa tgtgccacta tttaaaggaa gagagatggg gctgtggtcg 1320  
 taatgccaga atgtcagcat gtttggcatt ggagcgggtt gcagctggcc aagggtgcc 1380  
 tactgaatca ctcttctatc gtgctgttct tcaggatatt attaaagatt gttatggcat 1440  
 caccaaattg gatcggcatt ttggtaaaat ttattccaaa tgttcttctt ttctggatta 1500  
 tgtcagacgg tctctaaaga agcttgatt agatgagtc aagctgccag aaaaaattat 1560  
 aatgaactac tacgagaagt ataagcctcg aatgaatgag ctggaagctt ttaatatggt 1620  
 gaaagtgtga ctggctccct gtatagagac tttgattctt ctggatcgac tttgttacct 1680  
 gaaagagcag gaagatattg catggtctgc tcttgtgaag ttgtttgatc cegtgaatc 1740  
 tcccagatgt tatgctgtta ttgccctgaa gaagcagcag tgatttccat tgaagcaaat 1800  
 tattagatgt atttctctat gagacctgtt gctgagattg cttttctaaa catatatgtc 1860  
 ctgttataca aaaattttta aatgactgtt atgtatttta aataataaaa taatggctaa 1920  
 caacagaagg ttataatcca tttttccatt gtcaaagcat acattaataa aagaagaacc 1980  
 tgtcataatt ttaaaaaaaaa aa 2002

<210> 6984  
 <211> 1110  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (661)...(943)

<223> similar to gi5566604 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6984

gctttcctga	atgctgatga	ccttgacatc	ttagaagaac	agttgttggt	taaaggtggt	60
gagtcaaata	tccattaaat	taggtttgtc	agatatttcc	tcgaaattag	attcagctta	120
tgcatttttt	ggaaggaata	ccacagaagt	gatgttggtt	tctttctggt	gcatccaatc	180
agatgataca	ggattttgat	ttgttccatt	actgttgaca	tgaattttga	acatttgata	240
atgccagtat	cagccagatt	tttccattgt	aaagtcattc	ctttgtcctt	tgtatttaat	300
aagtatgttt	agggactttg	agactatgtc	aatgtcctgt	tcttcatcaa	aattccactc	360
actcattctt	agtattcatt	gacgtttact	gatcgaacta	attattatta	tgatagttgc	420
caaagtgttg	tttttctaata	tcaatcattt	ctttagtgtt	tatttagcatt	ctactataag	480
gaaaagcact	atcttctccc	catttattaa	ttcacatatt	tacatcagct	tggagttatt	540
gatttctatt	ttattaaata	gtttataatt	gattaccatc	cttatttatt	ttaatgctca	600
aattgtccca	aattatggcc	aaagaaagct	ccttcaaact	ggttgctacg	tccttttgac	660
atggcccatc	attctttaaa	cacattttac	atctggcaca	ataacgtgct	acatacccat	720
cttgatattt	tcctgcccc	tctttgaaat	cagccattct	caagggggtc	cttcttaatc	780
tggctgttgt	tgtgttgga	ctcctggtac	catcttagaa	ccttaaggag	acaagcgaac	840
caagccaata	agctttccat	gatgctgctt	agagttaaac	agagcccagg	tactaagtta	900
tgtcatggag	acagtgaact	aacctctgga	ctgcttgcta	catgagacaa	ttgattttct	960
tattttctat	gtagggtggt	acatttcctc	attttgagat	atttcttcaa	catatagctt	1020
ttcatttagt	gggattttgt	caattataac	caaaaacaat	gtgacgggat	acccaagatg	1080
tttcatgttg	tagcttgggt	gaattacaca				1110

<210> 6985

<211> 1049

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1050)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (897)...(310)

<223> similar to gi4929685 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6985

ttttttcctt	ttagtaaaaa	agtttttatca	tagcaaaaaa	tatgtattta	taaggactgt	60
------------	------------	-------------	------------	------------	------------	----

caggaggggat	aggctatttc	caatatcaca	gttttttttg	ttggtgcctt	gaaaagataa	120
gattttattac	tcaagagaat	gaaatccact	gatagggttca	cagaaacatg	ttccatctac	180
agcgtaaact	ggaagatttt	tctggaagtg	gctgttggcc	gacgccaggt	gtttgaataa	240
agacagcagc	atcttggtgt	tatactcagg	aacagcttac	ccccttccat	agggtaaaaa	300
gtggcttctt	aggtctgcaa	gaattcgggt	tgtactcggg	ctactttccg	gaattcttta	360
gtgtgggtct	tagggcacta	catctcacac	cagctgatgg	gaaccatctg	gatacctgac	420
tcaactgtggg	ctaccaccac	tcccagctcg	ttctcggcgg	tggttagcag	gtagttggac	480
tgtgcatcac	ctaaggagat	cactttggcc	aagacaatgt	cacctgggcg	gaaactctta	540
taaatttcaa	ccttgtcttt	ttcagttgct	cggacatctt	ccttgcggt	agttcctcga	600
aaagagttct	taagaggcat	ggaccccaca	tacaggatgt	gtactttggc	aaagcgtgaa	660
ttgatgctag	agaccttaca	ggttacaata	gctccacat	ctggcagtaa	ctgggactct	720
gtttctctca	ctacagacac	cactggaagc	gcgcatctt	cgctgctctt	catcagacag	780
ccggcaagcg	acgaaaagat	gtagccgtgg	cgggtgtagg	tgccgctgcc	cgggctgccc	840
tcctccaagt	tacacagacg	ttcgccgggg	atgcagtatc	tcacaggtgg	cgccatgatt	900
gccgctgtcc	caaaaccagg	atgaaagcga	agtcgctttc	tcattggcca	aagccaggca	960
cagttccaca	gtaagaccgg	tgtcaattgg	tactccgnnn	ccnngcgagc	ggacgcgtgg	1020
gtcnnacagg	aaattcggtc	gtcagggtcc				1049

<210> 6986  
 <211> 1053  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (954)...(254)  
 <223> similar to gi9447 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6986						
tttaggaaag	acccttttat	tgggggtggac	acggagcacg	cactagtcca	tgataaaaat	60
aaaatgactc	aagagaaaga	tcccaagggc	cgacttctcc	ccaacgtgcg	tgcacgctga	120
gtgaggcctg	ggcatgggaa	agttccgggc	gaagcgtggg	acaagaccga	gtctcaatgg	180
cctggaccgg	tgttgggggg	gagaaggcca	ctcggtgtgc	ctggtaggtc	aggccacccc	240
gggcccggcc	ctgtcgcccc	gccacagtaa	agcccccgct	agagactctc	acagacacac	300
tctggttctc	tggagaactg	ggggcaggaa	tcggggaact	ggcccgatgg	aaggcggggg	360
tcggggggac	aatgttgttt	tttttaaaaa	gcactaccca	acatcacact	actgggtctg	420
atgtcccctt	taaccaacgc	ttgatagcag	gttacagcat	aaataaaaaa	tcaaggaaaa	480
taaatacatc	ggctcctatg	aggttggaag	tgggtgtgaa	cgcagggtgt	ggatgggccc	540
gcaggggagg	gggcggggcg	ggtgcttaca	catggcgggc	aggcgggtgg	gcgaccgagg	600
agcagacctg	gcaggaggcg	cctgtggagt	tgagagtctt	aagtgtcctc	gtgcatgtct	660
gggctgtcgg	tccgcgccac	cttgcgggga	ggtgcggagc	tctgccttc	cagctccact	720
tgtccttggt	ctctcttctt	ggcagcgttc	tttttgtccc	attgctgatg	caggtagcgc	780
aggaggatgt	ttgtcttttc	tgtcacgatg	atctgttcag	acgggtactc	gcgggtaggc	840
aggtagactg	agggccgctg	gttcgaggct	ttgcacacgg	agtccgcgtg	aaatcgacta	900
aaattgcttt	tgttgtagac	aggcagtcct	ttcaaaaaat	ctgccatctt	ctgtttcctc	960
cgtcgcccgc	tcggccgccc	cctcagcctc	caccgcggcc	accagagccc	ccttcttagc	1020
cgccgcctca	cagtaacttc	cagccacggc	aca			1053

0943825.012400

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<210> 6987
<211> 2433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2375)...(1856)
<223> similar to gi2959370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6987
ggacccatgg ctgcacgtgt aaaccatcgc tggagtgtcc tcctcgttgg ccatggcaca      60
ggtcacccca gcctgtgagg ccaaggcgca agacctgtcg gagaacagcc aggcaaaagc     120
acagagaatt ttgctctgtg actaccgctg ccgcgcgcag ttccctcaca gccccttttg     180
gggatttcct tgctgaagcc agcagaaagc ccagcagtcc cagcgcacct cttgccgcgc     240
tcagagctgc agtgatgccc caccagcacc tcagcgggag ccgctgcccc caccctgcc      300
ccctcccttc agccttccag gaagcgaagg ccagacacag ggaaacagaa acatgttgcc     360
cttttatttg cgtttctcag aatactgtac aaaggagta aaaatcctat tcacactttg     420
cttagaaaga ttttaagggt aaagttccct atgatacacg ggggtgggaga tgcagggtca     480
ggagggagaa aacaggccca gtgacctctc ctgttccctt ggacccctgg aagaggacac     540
agggacccac accttttcaa aattaacact gcccctagtc caactgggga ggggagaagg     600
ctccagccca ggctcaggct cccggcctca ctttcttctc tgcaggctga gacagtgcct     660
acaggccacg tcttgccctt tcctctgtgc tgcttgagca gggatcctac aggactctca     720
ccacagaccc cacatggggg ggccctcaca cgccacatgt ggctgccaca tgagaggccc     780
tgcccagtg cagtctgtat gaggaagtta aggggtgagg gcctgcagag gaccacagca     840
cccctcgttt ctgtcacagc tccccatac cccgcagga gtcagggccca agttggacct     900
gtgcttaca tgactcacgg gccttttccc cacctgtcta cccaacagcc aaccaggag     960
ttaaacccac agcagcctcc ctccctatt actatcacat tctgtgggta aattaaccct    1020
ccaagcctgc ttccctccct gccacatcc caaaggagat tgggtctagc ttctgtccct    1080
accctccct cccttacacc agtctctctc tgctatgtgg cccattctt ctaagtctcg    1140
actcactagc tctcctacag ctccccaacc tccaccaggc caggatggca gcagccctgg    1200
ccccctcacc tctggaacca agccatctac actctacccc atctttcccc aacctgacct    1260
tccccactcc caaccaggac ccacggtggg ttgcagagaa gctgccaaaa gcctgggact    1320
tggattagac agctccctac ccagaaaggc aaagacccat cccacacttg cttccatata    1380
caaaagcaca cactgcgtgg catcgaaaaa acctaggaat cacagtgaat caatccagaa    1440
gccgtaccgc cctctgctcc ctatgcaggg gttaaagtgc tttggctgcc tgagggcaaa    1500
caagttagca ggggtttttc ccctggcctc ctgtcgcaac tgcgtggtcc atgttcagcc    1560
caggagccca gccatttcca tgaccaactc catggagtct ctattcaaaa agcaaaagga    1620
aaagatcaaa aaattcagaa aaggtcagag ccaggggggc ctaccccaac cccactacaa    1680
gctactccaa gttggctact gggggaagcg aggggggaaa ttaggccaga ggctcaacc    1740
ccatctctgg cagtgtccag aggtctctc tttctgtctt cagtgttgca gcacatgcct    1800
tttaccctac ccctcccttg ccaccctggg cagggggaagg ggctgcactc tcagtactta    1860
ttgattccaa aaatccggac tccgtggagc tggggcagct tggggataag cacgctcatc    1920
agggacacgg tgttgagcac aaaatggatc tggctgtact tagttagaaa gctggtgagg    1980
aagtacagca cgatgggtgt gatggtcaag aacttccgag aggccgtgaa ctggacccca    2040
taatccatct gctccagtg ggttagcagc ctgccttgc cctgggtccgg ggtctcaaag    2100
ggtgtccct tcaccgtgtg caggaagata tacatgccca tgttgtgaat gaggttggtg    2160
aggggtccaga cgacagggac actcacaac gggatgctca gcagcacgat gtggaggaga    2220
ccgatggcca gcacgtagga gagccagatg ccacggctgt tcatcaccgc cgtgttgggg    2280
ttcacctcgc tgtgcgtgtg gccacattc atcctgtctc ccctctctgc gtgtggggcc    2340

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```
gaagatcaac ggccccgggaa cggttccccg gagcgggggc cgctgctgct ccagcagctg 2400
taacaacccg cggctgcagc ctccccgacg aaa 2433
```

```
<210> 6988
<211> 1699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1552)...(966)
<223> similar to gi5802225 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 6988
atatagaagc tgaggaaaaat gtctaacaca aaatttggag aataagaaat tagataggtc 60
atgtaagtga atgtaagtat agtgctatgg gcatataagg ggcatggatg aaacatcgaa 120
aagttggaaa tataatacgt ccagacaacc aagtggcatg ggtgttatac tgtaagaaat 180
tttcgagaat cctatctgca actccatgag ggtaggatac gaagatagct gaggtaagtg 240
aaggtcagga agggtaagtc ctgaacccaa ctgccactgc tagtaagcgg cagagctggg 300
attggaacta ggggctgtct ggcttcagat ctttaccctt aaccaccatg ttatacgggg 360
actaaagagt gccggtgagt tgtgaaccca gacccttccc cagccacacc tggcaacacc 420
ccctgatctc tgggaccaca gctgggttgt agggaaagaa tggagtctcc taaatgggtga 480
tttttcttta tttccccgca ccttcaatct catggcatgg tctgcaggaa acctcagagt 540
cctgccaaact cgcaggcttc gctgatcgca tggcaacctg gcaccccgcc aaagagctga 600
aactcccaag gctcagccag gactctccag ctgtggtggt tctaaaagcc gttctgggtg 660
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```

```
<210> 6989
```

<211> 4953  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (531)...(2706)  
 <223> similar to gil63477 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6989

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```

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```

<210> 6990

<211> 2137

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (143)...(1875)

<223> similar to gi4838357 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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cggcgcactc gacggctgac tggagcagcg gtaaaggcga ggatggagac cgaaggatat 120
aagtcaaaga gtacagcaga aaatgtctac tgaacggact tcttggacaa gcctgtccac 180
cattcagaaa atagccctgg gccttgggat ccagccagt gcaacagttg cctatatcct 240
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tgagatagag atgcgggttc cccaggaggc tgtgaaactc atcattggcc ggcaaggagc 360
caatattaaa cagctgcgga aacagacagg tgctcggatt gatgtggaca cagaggatgt 420
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gagatctgtg ggcagaatca tagggagagg cggcgagaca attcgttcta tctgtaaggc 600
atctggagcc aaaattacct gtgacaaaga atcagaaggg acattactac tatcaagact 660
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```

```

<210> 6991
<211> 1200
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1201)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1135)...(127)

```

<223> similar to gi4455233 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6991

ttttttttaca	tttggaaaaa	taaaacttta	ttaaatacaaa	tgaatgagta	tgtctgtttc	60
ctaagaaaga	caatgataaa	gaatttggtg	gaaggataaa	taggggtttg	ttgactttgc	120
tttttagcctc	atggtagttg	gtagagagca	tgattagctt	ttttctgtat	gtgactgctt	180
cttcattgct	gcagcttcag	ttttgaattg	atgtctggac	tgccagcggc	gtccattatt	240
ccagacgcgg	ccaaaagagg	gcagccagcc	tgcactggtc	ctggagctgt	gatcaaagtt	300
ggccccaact	cgggtctggg	ggagtttttt	caacttctgt	ttttcctttt	ctttaagaaa	360
ttcttcatag	gatggtccta	tttcttggtt	cccagcaatg	tattcttcat	cttggatcat	420
ccagggaggt	gtggcacctg	agtggatggt	accaactcct	ggtatatcct	gatggccaat	480
gaatgtcaga	gatggtcctg	tctccatcca	gtcaagctct	ggagctgggtg	gcagggtccaa	540
atgtgagggc	tgtctgaagc	tggaagctac	ttggctgttc	atccctttcc	agcttctagg	600
tgtctgaagag	ccctcttctg	ggtctggcac	tgcctgaggc	tctaagacag	accgaaccac	660
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gcggctgtaa	acgtgcccgc	gaccacagaa	gaaggctctg	cggcacagag	ggcagcgctg	1140
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<210> 6992

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (189)...(227)

<223> similar to gi5726234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6992

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cttggcctcc	tggattccaa	agaatggaac	cttggggcca	tgcgataaat	atgctgaggc	120
atgttttcaa	ggaggggaga	gagattcctt	ttcctcagcc	gggcacagag	ccaacctgaa	180
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atgatcttac	aaatggaacc	ccaaatgagc	tcaactaaca	actaccaagg	acccctggac	360
caaccgcgtg	gccctttcaa	tggcctaaag	ag			392

<210> 6993  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (459)...(251)  
 <223> similar to gil888415 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6993  
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 ccgggagccc tggattggat gtgtctcaga catggcagaa ggattccttt atccagggcc 180  
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 ctctggagat gtgatcagtg agttcattcc ccccaggcct cacggtgccc ggcttgttcc 420  
 aggagctggc caaggtccct ggatgggctg aagtccttgt gcccatgttg tccactgtcc 480  
 acctgcgcct gcctgccgtt gccagaaaag aggcctaata agttccttga gaggcgtgtt 540  
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 gtgggtggccc agcctggctt tgtgtgcctg gagcgggtgt gtccacacac tctcacactt 660  
 gcactttcat gcacgtgtct ggccgcctca gctctgggtct tggggctttg cctgggagaa 720  
 g 721

<210> 6994  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (329)...(567)  
 <223> similar to gi296679 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6994  
 ttaagacaca tcttcagtca cttctctctg cctgtgtctc aggaagacca gtcctccta 60  
 ctgtcttctg tgctagggat cacttccttg ttgagtgggg ccggagtttt aagaggatct 120

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taaagcacgt	tcaacccttc	tcagagtgc	cttgagtgg	tgccctccatg	agtccaacat	660
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<210> 6995

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (84)...(247)

<223> similar to gil834464 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6995

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aatgagtatg	aaaatgctgt	gcaatcggtg	aaacatgggtg	taaatggaag	atcacccctgc	360
tggtattatt	agtcagtgg	gcctgagcat	ctagatacac	atattaatga	gcttctctct	420
tccaagggaa	atagagggct	tccccagtg	tcgccgttgt	ggcatcatca	aaccaagt	478

<210> 6996

<211> 2176

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (304)...(1340)

<223> similar to gi3880625 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

001210"5248460

<400>	6996						
acgtcgacga	tttcgtggag	gagggaaagt	agatggcgga	aaggaaaact	gcttaaatga		60
tttttaaaga	tcttgagtca	cagtgaagca	accactgga	gtgagcattg	ctgcatttgg		120
agagtcagat	gccattttgt	tgtactcctg	tttgatcaag	tggccagttt	aactagatac		180
tagctttgaa	gaagttctgt	attggccccct	ggaatgtgac	agttcatacc	acattgaaaa		240
ggctttgtga	atgccggtcc	actgatggct	gaactgcagg	tctctcccca	gtggaagacc		300
ccagagatga	gccagatctg	cctcagctgt	ggccatccgt	cagcgtaagg	gccgcgatgg		360
gcctcttgga	acattggtgt	gttcactctgc	attcgatgtg	ctggaatcca	caggaatctg		420
ggggtgcaca	tatccagggg	aaagtcagtt	aacctcgacc	agtggactca	agaacagatt		480
cagtgcattg	aagagatggg	aaatggaaag	gcaaaccgac	tttatgaagc	ctatcttcct		540
gagacctttc	ggcgacctca	gatagacca	gctggtgaag	gatttatctg	agacaaatat		600
gagaagaaga	aatacatgga	ccgaagtctg	gacatcaatg	cctttaggaa	agaaaaagat		660
gacaagtgga	aaagagggag	cgaaccagtt	ccagaaaaaa	aattggaacc	tggtgttttt		720
gagaaggtga	aaatgccaca	gaaaaaagaa	gaccacagc	tacctcgga	aaagctcccc		780
aaatccacag	cgctgtcat	ggatttgttg	ggccttgatg	ctcctgtggc	ctgctccatt		840
gcaaatagta	agaccagcaa	taccctagag	aaggatttag	atctgttggc	ctctgttcca		900
tccccttctt	cttcogggttc	cagaaaggtt	gtaggttcca	tgccaaactgc	agggagtgcc		960
ggctctgttc	ctgaaaaact	gaacctgttt	ccggagccag	ggagcaaate	agaagaaata		1020
ggcaagaaac	agctctctaa	agactccatt	ctttcactgt	atggatccca	gagcctcaa		1080
atgcctactc	aagcaatggt	catggctccc	gctcagatgg	catatccac	agcctacccc		1140
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ggcatggttg	ctcagccagg	agcttctggg	atggttgccc	ccatggccat	gcctgcaggc		1260
tatatgggtg	gcatgcaggc	atcaatgatg	ggtgtgccga	atggaatgat	gaccaccag		1320
caggctggct	acatggcagg	catggcagct	atgcccaga	ctgtgtatgg	ggtccagcca		1380
gctcagcagc	tgcaatggaa	ccttactcag	atgaccagc	agatggctgg	gatgaacttc		1440
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gcaaatacaga	ctctcagtc	tcagatgtgg	aaataaaaac	aaaacacctg	tatggctgcc		1560
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aaggcactta	aactgtggga	gaagtgtgca	cacctttgag	tcccttccct	caaggttaaa		1860
gctcctgtca	gactctcaga	agggctctgtg	ggtgttgtat	attaggcaa	caggggaaag		1920
cttagaggtc	cttctatatg	tgttaataag	ctgtttctaa	gtgtttaaat	ttgaaaagca		1980
tcatgttctc	atgatttatg	ggaatgaagc	aagtactgaa	atcaaattaa	atactccctg		2040
ggtcctgggt	cagtttgacc	ctagccctgg	ggtgaggcaa	gccccctcct	atgaggatga		2100
gcaaaaatac	tactctcttc	gccctgagtt	gctttctgga	tctggggcct	caggacttgc		2160
tgcttcagac	agcctt						2176

```
<210> 6997
<211> 3228
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(3229)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (462)...(1470)
<223> similar to gi5679081 in the genepept database release 114.
```

Run with FASTXY 3.3t00, default parameters

<400> 6997

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gaggcctagc	agggtgaagg	ccacggctgc	ggccttcacg	ggttcctcgg	ccgtcctgag	180
tcccaaattc	caagctggag	ccgttcagct	cccctccacc	gcttagagat	ttggggggct	240
ctggccccgt	ccttgccgac	cattccgagg	ggagtccaga	ggtgaggccg	aggaacctcc	300
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tcaacaattg	aaaacaaaac	gaggaacagc	agaggagcta	ctgtataccg	agccctcagc	420
attgttcgta	atctccgcct	gctaacagcc	ttgtgaagaa	ggtgtcagta	attaacactg	480
tggatacctc	ccatgaggac	atgattcacg	acgcccagat	ggactactat	ggcaccgccc	540
tggcaacctg	ctcatcagac	aggtccgtca	aaatctttga	tgtgcgcaat	ggagggcgaga	600
tccttatcgc	cgacctcagg	ggtcatgagg	gtcctgtgtg	gcaagtggcc	tgggctcacc	660
ccatgtacgg	caacatcctg	gcatcgtgct	cctatgaccg	gaaagtcatt	atctggagag	720
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tagaccaccc	atcggggcag	aaacccaatt	acatcaagag	gtttgcatca	ggtggctgtg	1020
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cctcaagcaa	tacgtgggtc	cctaaattgt	tgcacaagtt	caacgatgtg	gtgtggcatg	1260
tgagctgggt	catcacagcc	aacatcctgg	ctgtctctgg	tggagacaat	aaggtgacct	1320
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gctccgtatc	agcatcagtg	acagagggcc	agcagaacga	gcagtgacaa	gacaggtggg	1440
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cctgtttggg	gttggggggc	tcttcccaag	ttgtctgtgt	acgttggccc	aggggaagggg	1980
cagtcctctg	aagctggcgg	ggtggggagc	cagggcccca	cctcgtcatt	gtcactggct	2040
cgttctagct	gggccttcct	ggtcactgga	tggctgatac	gggagccctt	ggcccccttg	2100
ttgaacatca	ctggatggca	caacccactt	ggcccatcaa	cttgactcct	tccacagggg	2160
tatctttatt	gtctccatca	gagacagcca	ggatgtttgg	tgtgatggac	caagctcaca	2220
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tcatcacagg	tcacaaatgaa	cacacgaccc	atcctgggag	cagctgggag	atgggtgctg	2340
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ttgtccacag	ccacctgatg	caaacctctt	gatgtaattg	ggtttctgac	cccgatgggg	2520
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tgggtgtgag	gttgttgatc	ttctttactt	ccccattggc	cttccccggg	tgtaaagtcc	2640
agccagggaa	gatggccccc	nacccgagac	tacccaacag	gccagggaat	ncaggaccgt	2700
aagtccatgg	ggggcccgag	aacacccgaa	gttcaacttg	aggagtctgt	tccccgcat	2760
gctcgtggct	ctttcttccc	aggggtgcgt	tttctctctt	ccagataatg	acttttccgg	2820
tcataggagc	acgatgccag	gatgttgccg	taccatgggg	tgagcccagg	ccacttgcca	2880
cacaggaccc	tcatgacccc	tgaggtcggc	gataaggatc	tgccctccat	tgcgcacatc	2940
aaagattttg	acggacctgt	ctgatgagca	gggtgcccag	cgggtgccat	agtagtccat	3000
ctgggcgtcg	tgaatcatgt	cctcatggga	ggtatccaca	gtgttaatta	ctgacacctc	3060

09483725.012100

tggactcccc	tcggaatggt	ccgcaaggac	ggggccagag	ccccccaaat	ctctaagcgg	3120
tggaggggag	ctgaacggct	ccagcttggg	atttgggact	caggacggcc	gaggaacccg	3180
tgaaggccgc	gaccgtggcc	ttcaccctgc	taggcctcct	cagtacca		3228

```

<210> 6998
<211> 803
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (645)...(382)
<223> similar to gi5911818 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6998						
tttttttttt	ttgccaatgg	aacaggacat	catttaattg	cctctagggg	cctcctggga	60
gagggactgc	ggggcctttg	gcagagctct	ggctgatgga	accaacagag	gtgcccacatca	120
gccagtgcc	ggcaggatgg	cggccccaat	gcttggtggg	gggcagccag	catttggggc	180
tgttgcttaa	gacaatttct	gagactaatg	ggtaaggaat	gttgccctta	gatggaggag	240
aggggactac	atttagagag	gagggaggag	aagtggcctg	cattggggga	gggactctaa	300
ggttagggtta	ggaatgacag	ggagttgggc	aaaaggctct	tcatggccag	gtgaaggctg	360
ggggggagtgt	ggtgatggag	tccagcaggg	gaactctgga	caggcttgac	tcaagccagc	420
ttcaggaact	cctgcagcgt	gttttggtcc	acagcctcca	cgaagagctc	atagtcccca	480
cagtactggt	ccccgttgac	aatctggggg	ggggtggcct	tgggggttgcc	tgccaaggct	540
cgcactctcat	ccctcagggc	gttgtcctgg	gagatgtcca	ctagctggta	ttggatgcgc	600
ttcccatcca	ggattcgggt	cacctcgctc	tgctgggact	tgatttcgcg	ggagccgggtg	660
accgacgtgc	tgtagacgcg	caggccgctc	atgctggggg	tagacagacg	ggccggcggg	720
cagagggcgg	cggtagcggc	agctgcactg	ccgggagacg	acgccgccgc	cgtgctcggg	780
agcggtttcc	ttcctgcacg	aaa				803

```

<210> 6999
<211> 1043
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (891)...(1025)
<223> similar to gi522145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```
<400> 6999
```



tgtaagtttg	tggaaattgc	cccacgacca	tgcgctgaca	gtcaatctac	aagatgtggc	60
cactgcggct	gcacacgaag	ctgcccagag	aggcggcagg	gaaggtgagg	ccctcagggg	120
aggggagggc	caggcaccag	ggcccccatg	ccggggcagg	ccgtggggaa	gggcagggac	180
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ggtgaactgc	agcgcgtggt	gctcccctaa	gtccacgggg	caggaacgca	gcaccccgcc	300
acgcagccgc	cagagccgca	cactgccctg	cccgcacgac	gccatcctgc	aaggaatgag	360
gactgagcac	tgccgcagct	cgcagcgccc	tgacccaccg	ggagacgcag	agacgcacag	420
ccaagccagg	gggaggtgct	cgggcctcgg	ccccactcc	gggccagac	cctctcccaa	480
catcgtggat	gggcggctgc	atcacctggt	ttcatcaaaa	aaggtgaccc	ggaaggcctg	540
gacgtcaaag	tcagtgtgcg	cctttgccag	aacgaccacc	tcgccaccga	ggccacacctg	600
gccggtgccc	caggccacca	ccatctgcaa	caagcccagg	ctgagcccgc	acggcagggc	660
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cgtggctggg	cacagtggct	catgcctgtg	atcccagcac	tttgggaggc	tgaggtggga	960
ggactgcttg	agccctggag	tttgagacca	gcctgagcaa	tgtaatgaaa	ccctatctct	1020
acaaaaagtt	aaaaaaacaa	aaa				1043

<210> 7000

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (234)...(402)

<223> similar to gi3150527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7000

attccagtgt	ggtggaattc	gaattattga	ggggaagctg	agaggcatag	agggcatgga	60
ctgtggagag	gtggtgagcg	catgggctgg	tttggccag	gcaactcagc	ctccttgagg	120
ggccctcatg	gtctctccca	accacatgc	catgctgacc	gtggtggtag	aagtggagtc	180
ggggaggggt	tcaggaacaa	aacttcacct	ttgacagtcc	tgggccctga	tgctgctcag	240
gaggcagagc	aggagctgct	ggcacgtgtc	caatccacac	tgggctctct	gggccgaggg	300
tacagtgtgg	ccctgtttgct	ccgggggagg	gaaacagagg	caccccgact	tgtgcctcag	360
ctgctgcaga	tgctgtttga	agaagctctg	cccctcagct	gctctgatcc	tgtgcttagc	420
actcttagcc	tggtgcaggg	cctgctgtct	gctcactctc	accatgtcct	gcccagggcc	480
tgaccctcct	gaggggcccg	ggacccagcg	tgtgtggcaa	ggggctctac	ggatcctaca	540
gctcccagga	gccccagact	gccccctgct	gcgggtgttg	gctggtgaag	ttgttgggtga	600
ggaggcggag	ggctctttgc	cctggattgt	ctcatggctc	ttggaaggaa	acaactacag	660
tggcctactt	cttcgcctgg	acccccaagg	tggccagggg	gagagtgtgg	agttctttgg	720
gaagctctga	gatctgtcct	taggcctgcc	tcacccatca	cg		762

<210> 7001

<211> 2735  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1335)...(2249)  
 <223> similar to gi4159884 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7001

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caaaaggagt	caagaagttt	agtactcaac	acatttcttc	tttgtagaaa	taactgctca	180
agaagataaa	ttgttaccta	acagttgatt	gatgaatatg	aaatcagagc	aagaggggct	240
aattagagaa	attactagct	agggctattt	acccaaacca	tctatccaga	ctgtagacat	300
agaatcacca	gatggctagg	atcctgggtgc	agctgggtcc	cctttttcct	taccctgaat	360
gtcattaagg	atgcattgcc	aaatgctgcc	cctctggcct	gatgactaca	ctccatattg	420
gtcacctgcc	ttctttttcc	tacagtcttc	ctccagacag	gcacgccata	caaccgacta	480
cacttgggct	cactgaatga	atcacattct	tctgctgtgc	ctcccagaga	tttcatcaaa	540
gcacccgcag	tggccttctg	gaggctcctc	aaactctcca	ctcaatgttt	cctgaaagtg	600
tcgtgtttct	cacctctaga	ttgttattct	catcagttac	atgtgggttt	cacaaattta	660
tttctcagaa	tgcaagtctg	tctcttatat	cctcgggaaa	cacaccttta	tatcccagtt	720
agtactgaca	aaaattaaac	tagggactgg	ccaaaaacag	tgcccttcct	cactttaatc	780
tcactaaagt	agataagact	caagttattt	tgttcttgca	atggcattga	caaatgtttg	840
cacaaaaaac	catgttgaag	ttcattaagg	aaactgtgat	ccaagatcca	aggtcaaaaa	900
aacaaattca	tcaattcagc	acaccaccaa	ctcacaggct	aagcatctta	ctgctaattc	960
attgatgctg	ccattttgtca	agtgccaaat	tgaattattg	atttgtcaat	aatttccttc	1020
cgttgggttac	ttatatagta	tattgcaatt	cttgttgctg	aagtcagcta	cactttttct	1080
at ttgaaaaa	caatttcttg	catttgggat	ttcagggtata	gtgattgtta	caaatatgaa	1140
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tcacccctgct	ggggaatggg	accatcctgg	ggctcatctc	actggactcc	agactccaca	1500
cccccatgta	cttcttcctc	tcacacctgg	cgtcgtcaa	catcgctat	gcctgcaaca	1560
cagtgcacca	gatgctggtg	aacctcctgc	atccagccaa	gcccattctc	tttgctggct	1620
gcatgacata	gacctttctc	tttttgagtt	ttgcacatac	tgaatgcctc	ctggttggtgc	1680
tgatgtccta	cgatcggtag	gtggccatct	gccaccctct	ccgatatttc	atcatcatga	1740
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tgaactgcca	gcctcagttg	tcacgtggac	tcttgatgcc	caattattgc	ctcaatccag	2340
aaaagtttac	ttctctttat	ctgtgcttta	ctgacagaag	ggcaagtctt	ctctcgtttt	2400
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agacaatttt	ttctttttat	tcacaattac	tttaatatct	ttgaccagca	aatatctcca	2520
ccctccaggg	agaggtagta	gcttctaggg	aaaccatctt	ggagagggtc	ctgtcttccc	2580

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ttttcaggg	cctttcttcc	cagttctgct	catacatctg	tcatgtaaca	ctttagtgtt	2700
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```

<210> 7002
<211> 2538
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2299)...(695)
<223> similar to gi3043688 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7002						
tttttttttt	taatcaaagt	acttatggtg	tcaatgccaa	agcaacgaag	aattccccctt	60
tttccttcac	tattgacagc	ttcagtttct	gtacttactg	tgatcatccta	tccattccct	120
tccctgagcc	tgggactgct	cttccaaggg	agactaggag	tgaagggagg	agtcctccca	180
aagttaccct	ttaagcttga	taattagctc	catagccatg	ctaaagcatg	actgtagatc	240
cccaagtccc	tgacacattt	tcttctaaga	aactgggttag	ccaagaaagt	aaagacgtaa	300
gccctgaaga	tggcaaaagg	gtgtcataat	ctcccaaagt	catctgtata	ggatgcttca	360
tttaaccctt	tttcttttgc	agacaaaagg	gttaaaaaatc	tcttctttct	accctatatc	420
tttaaagagg	gattgacaag	ccccaaattt	cccttttatg	gaaaaggccc	cagggtttct	480
gggccaacaa	ttcacttttt	tcagtctctt	aggtcctctt	gcatgcctga	gaatattgag	540
tattcggaat	ctcctaccag	cccttggtaa	atgaccctac	caggtggaat	agtttgagct	600
ttatctgctc	ttttttaatg	ggatagaggg	gaaggcaaca	cgtcttattt	tatcaaaaat	660
tgcaaagcta	cacgctcttt	gtggagaagc	accaaaggga	aaaccttagt	ttgaaaggat	720
tcattgtaaa	taaaaatagt	aactcagccc	tccattcagg	gaggagaaag	gcatttttaa	780
gctagtatat	tgaagggttt	ccccttgact	tcagtgttga	atggctcttg	caaggacttc	840
ttgaagggtt	tttttctcac	tagccagtgt	ttggccgaca	ggttgcacct	ctgcctgaga	900
agatgcctga	aagagaaaag	gcagcatttg	ttacaggcat	aatgtttag	aggaagaaac	960
gacaacagca	gtcccctgca	ttcatttttag	aaccaagatg	acgtctcaca	gttgctctga	1020
taaaaacaca	gggactccct	gctcttagca	tacctatagt	gctcacctag	aaaatctatg	1080
agttaagcac	tacaaacatt	ttgtttagag	agcgacgtac	gacagtccaa	ttgcagaatt	1140
atgaaaagca	ttggcagtag	caactctgtg	gtggacacac	ccacctttgc	tctcctagct	1200
ccttttctgt	cattctgttt	gactttctca	agggagcaaa	agaaagttgt	actaccagtt	1260
aagtctccaa	ggtgtcttta	acccctccat	ccccctagcc	tttttggaag	ggagtgggtg	1320
gggagatatg	tggagaccct	ttgtgcaggg	caggggtggt	ggtgcaaagt	tatcagtaac	1380
tctgggtttc	tctaagcact	tgggtgctgtc	agagatgctt	ggagatggag	taccaaata	1440
gctggggaga	agatcctgca	gaacaggggt	ggccagggtc	tggccccata	ctggaaaagt	1500
gtacctgtgc	agaaataaag	taggtgtaca	gataagttgt	gctgctcttg	tcttgggatg	1560
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gtgggcaaat	tttctttttg	agttcctcca	cttaccaggt	taaaccctt	cacatgggtg	1860
ctccattgcc	gccatgggct	ttttgtcagg	gataaggggtg	cagccagcca	gcatgtccag	1920
agaggccaag	atagagtcac	acaggcgatc	tgcgtggctc	tccagctcac	cagactgctt	1980
tgcgatcctc	ccaaggacat	cctctaaaac	taacaatgag	gttcaaagaa	attaaaccag	2040

aaataaaacc	catgcaagtg	ttgtccagta	agcattttca	aaagaacata	caaggggtata	2100
gtatttttaca	caaagtagga	cctggcagta	gtttctgaat	gtctgccctt	ttttaacagt	2160
gatttctccag	ggacttctgt	tgcactggag	aacctatgtt	gttaacttct	gattaaagct	2220
aagaaaagaa	ctcactgact	ccactttgaa	attacgtaat	tcacagaagg	gcacagagat	2280
attatggttt	tctgatggct	ggtattacct	gacttttagag	gtaagacagg	tatctctgta	2340
agggcacatc	cagatcctct	tgggcataag	gcttaaataa	aatgacatgc	caaggttcag	2400
atgcttacc	ctggtaccag	gtctatcagt	ttctattggc	tgggaagaat	gttatttcac	2460
atgggtggtc	tgtaatagat	ttggggagtgc	ttgagaccct	ttgttttgtg	ggcctcagtg	2520
aacagactga	aaacctcg					2538

<210> 7003

<211> 1820

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1795)...(701)

<223> similar to gi62888 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7003

tttttttttt	ttagggataa	tgtttttata	ttagtttttc	tataacaaga	aaaatcagct	60
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ccccacagg	cctgaagaac	aaagggtgtc	cctaggtgca	gctgggtcct	tcctccctgg	180
ctcagcccag	ccccatcacc	tctgtttcac	tcctgcccc	aggccccagc	agcaccaggg	240
gggtctctcc	atcctgcctc	cactgggctt	gcccattgga	aaagtgcctg	tgtcctgcc	300
gggcgtggca	gggagggact	cttagcagag	tgactgcccc	gcacctggag	gagcaggggtg	360
ggccaggcca	ggccagcagt	cctgaaggct	cctgtcccc	taggatggga	aaggaataaa	420
agccagcttt	tgtgagttcc	agaggggtgg	aggcacctgg	ccacagagca	tggataccct	480
tgtgtcttct	ccagggaacg	gacggacaga	tggacagggc	agacggcgag	ctgctatggc	540
tgattctggc	tggggcaaga	gctgtctgtg	gcataggctt	tggagggctg	ttcgcacatg	600
acttgtgcat	gtgtgtgtgt	gtggtgtgta	tgcatacgca	tacacatgtc	agcaggggga	660
gggaatgggt	gcctgtgtgt	gccagggcag	gggcagaccc	ttccctgcat	gattcagagg	720
gcgtggcagc	ggtagtgggg	gtgtgacaga	gactgtggtg	gtttggaggg	tagttgtgtg	780
tggctgagct	gggtgtttga	gggtgtgatg	tgtgtgcatg	tgtctggccg	tgggacacgc	840
cgtgggaagg	ggtggggata	tgagactgtg	tcagcccgtg	tcatgtggga	tgccctcatgt	900
gtgcagctgg	gtgtgtctgt	gtgagcacgg	cagagtgggg	ggctcacagc	acacaggcgt	960
gtgctgcaga	aaagagtcgg	gcggtccatc	atcctaggtc	acatctgcat	caccttgtca	1020
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gcggccacgg	tccttgga	tgtcaccaaa	ctctaagttg	ccttcaatgt	ccaagacctg	1140
cagggtgctt	agcctccgga	aggcactgtc	caccacggag	cccacagcca	gcttgttaaa	1200
cctgagaaag	atccccctga	gggtgggcgt	ggagtgcgaag	gcattggcgg	gcaccgcact	1260
aatcttgttg	ttctgcaggt	acaggtaactc	aagtgaactcg	gggagccctt	cggggatctc	1320
tgtgagctga	ttcccggcga	tgtccagcag	ctgcagatgg	gcgagggtcca	cccaggcacg	1380
ggggcccagg	gctcggctgc	gcagtcgggtt	gctggtgagg	tacagctcac	gcagctgagc	1440
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atggacattt	cgaggcagcc	cagggtggcag	catgtgcagc	cggttgcccg	acagggtccag	1560
cgagcgagc	aggcgagct	tgcggaaggc	gtcgcgggtg	acctgtgggc	tgggtgatgcg	1620
gtttagtagctg	aggttagagct	cctccaggaa	gtaggtggtg	gcaaagtctt	cgcgccaat	1680

```
gcctgtgatac tgggtgtgca ggatcatgaa ggcgcgcacg cggcgaggca ggccactggg 1740
cacgcgctac agcgcgttat agtacagggtg cgccgtgtgc aaccgcttga ggccctggaa 1800
ggccccggacg agtgggtcgg 1820
```

```
<210> 7004
<211> 542
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(543)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (436)...(257)
<223> similar to gi3139158 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 7004
cccgggtcga cccacgcgtc cggatattctg ctgttgttga gtggagtgtc ctgttaggtc 60
aagttggctt atagtgttat actaatcttc tatatcctta ctcattttaa ttctatcaat 120
tatctattat tgagagttaa ctccaactat aattttggat ttgtatatat gttcttgctt 180
tgtttcttca tgctttctca aactctgttt ttaggtgcat aaacatttag gattgttacc 240
tcttaatgag ttgagtcttt attactatga aacaaccctt tttaaattctt ataattattct 300
ttgctgtaaa atttactttt atattaatat gatcagctcc agctttcttt tatttaattgt 360
tagcatggta tagttttttc caaccttttg cttttaacct gtttatgttc ttataacttaa 420
aatgcatttc ttgtaggtag tatatgattc tgccgtccgt atctcaccta atcntganct 480
ctcgctaata cctaactgag tactccaatg gatctgacca tttccacggg cctaaaacgc 540
cc 542
```

```
<210> 7005
<211> 5406
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (644)...(3425)
<223> similar to gi2224653 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

<400> 7005

tttcgtgccg	agagaccgca	tcgtcggctc	ggaggctgag	gggctgccgc	ggccgggagc	60
gccccctcgcc	tcgctcctcg	ctccgcttg	tgtcatgtga	ttctctgagg	gagcagctgc	120
gtgagtggag	atgctttcag	tggtaggaa	tggactggac	ccccaggctg	ccatcccgg	180
catcaagaag	aagctgggtg	gatccgtgaa	ggccttgacg	aagcagtacg	tgtccctgga	240
cacggtggtc	actagtgaag	acggagatgc	caacaccatg	tgcagcgccc	tggaggccgt	300
atztatccat	ggcctgcacg	ccaagcacat	ccgagctgag	gccggaggaa	aaaggaagaa	360
aagtgccac	cagaagcctc	tgccccagcc	tgtcttctg	cccctcctga	aagctgtcac	420
ccacaagtga	gatttagctg	gagaggtttt	gctttgcaga	ggagcagcag	actatgggac	480
acttggcttt	tcctccccgg	ctgttcagga	agccaacaga	ggtgccctgt	gttctagcat	540
aaagagagga	cacatcatct	cagagttgga	gcacctgacg	tttgtcaaca	cggatgtggg	600
ccgctgccgg	gcatggctgc	ggctggccct	gaacgatggc	ctgatggagt	gctacctgaa	660
gctgctgctg	caggagcagg	cccgtttgca	tgagtactac	cagcccaccg	ccctgctccg	720
ggatgctgag	gagggcgagt	tcctccttag	cttcctgcag	ggcctcacgt	ccttgtcctt	780
cgaactctcc	tacaagtctg	ccatcttaaa	tgagtggacg	ctcaccccat	tggccctgtc	840
tgggctttgc	ccgctttctg	agctggaccc	tctctctacc	tctggtgcag	aactacagcg	900
gaaggaatct	ctggattcca	tttcccatc	ttcaggctct	gaagacatcg	aagtccatca	960
ctcgggccat	aagatacggg	ggaaccagaa	gctgactgcc	tcctccctca	gcctggacac	1020
ggccagttca	tcccagctgt	cctgcagcct	aaactctgat	agctgcttac	tccaagagaa	1080
tggctccaag	agtccagacc	attgcgagga	gccccatgtc	tgtgactcag	acctgggcac	1140
agcaaagtct	gaggactcag	accggtctct	gcaagaggta	ttgttggaa	tcagcaaagc	1200
ccaggtaaac	tctgtgccaa	ccaacggact	gagccaagaa	acagagatcc	ccacaccaca	1260
ggcctcgctc	tcctccatg	gcctcaacac	cagcacatac	ctgcaactgt	aggcacctgc	1320
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gcagccttct	agtactgtca	gcgagacagc	cagagaagtg	ggccaaggga	atggcctgca	1500
gaaggccccag	gctcatgacg	gagctggtct	gaagctggta	gtttcctcac	ccaccagtcc	1560
gaaaaacaag	agctggatct	cagaggatga	cttctaccgg	ccttcccggg	agcaaccctt	1620
ggagagtgtc	tcagaccacc	caatagcttc	ttacaggggg	actccagggt	caaggcctgg	1680
tctccacagg	catttttctc	aagaaccaag	aaaaaactgc	tccttggggg	cgttagacca	1740
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gagcttccgg	gtggtacacc	ggagacagat	gggactgtcc	aacctattcc	ggggtctcat	1860
gaagctgggc	accgtggagc	ggcggggggc	aatgggcatc	tggaaggagc	tcttctgcga	1920
gctctccccg	ctggagtctc	gcctctacct	gagcaacgag	gagcacacct	gtgtggagaa	1980
ctgctcgctg	cttcgctgtg	agtctgtggg	gccagcccat	agtgatgggc	gctttgagct	2040
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gctggaccgg	gtgcgggagg	ccctgcagaa	ggtccggcct	cagcaggagg	atgagtgggt	2160
gaacgtgcag	taccagacc	agcctgagga	accccccgag	gcgccccagg	gctgcctctc	2220
tcctcagac	ctgctctcgg	agcccgcggc	cctccagggc	acacagtttg	actggctcgtc	2280
cgcccagggt	ccagagccag	atgccatcaa	ggagtccctg	ctgtacttgt	acatggacag	2340
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ggcatcctac	ttggagacag	ccgaggaggc	ggtgaccctg	ggcgggagcc	tggatgaaaa	2640
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tgacatctgc	caccaagacg	atgcctcagt	gattccggcc	aggatcatcc	acaactggga	2880
cctcaccaag	cgcccgatct	gcaggcaggc	cctgaagttt	ctgacgcaga	tccgggccca	2940
gccccctcatc	aacctgcaga	tggtagaacg	gtctctgtac	gagcatgtgg	agcggatgca	3000
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gagtggcgcc	ctgaaggagc	tcagcaagag	gctcaaccac	cggaattatc	tcttggagtc	3120
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cctcaaggcc	ctgattgaat	ttgcctccca	gcatgtctac	cactgcgacc	tgtgcacca	3240
gcgcagcttc	atctgccaga	tctgccagca	ccacgacatc	atcttcccct	ctgagtttga	3300
caccacagtc	aggtgtgcca	agtgaagac	cgtcttccac	cagagctgcc	aggctgtggt	3360

```

gaagaagggc tgccccgct gtgctcgctg acgcaagtac cagcaacaga acgttttcgc 3420
cttaatcccc aatctgttga ccccgctctg aaagccgggg ttgagtgtgg ctcagccatc 3480
ccggctgggt ttcctaatca gcccaggata ctcaccgtgt cacagctgtg tcccccttgt 3540
caggggaagac cctcaagatg tggccagagc accggcctcc cagaggaaag cccaggaagt 3600
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agatgctccc tgtctggggc aggcaggggc gtttactcac caggccctgg ctcaccagcg 3720
tcccggcgcc tccgttaggg ctggccaaac actgtggaaa ggggacttgg ggaacatttt 3780
caattccaca ttcctgatta aaaggtctgg ttttttaagg tgggtttttc ccattcatat 3840
ttcaacagaa agtatttttt tattcttgac cctacgtgag tcacccatga aatccagaca 3900
ttctcaccac cagcggatgc acaggagcca ctcaggcctg gcttaaagggt agcgggtggc 3960
tgggtgggcag gccactgctg ggacagggtc tatgggcca cccagtgcct ttccttggcc 4020
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ccctgccagg gcacagatag gcaggacccc agagagggca ggcagccacg ccctgcactg 4440
tggagaagtg acctggtcct aagctgtgca gggcgtgcgg gggaactgcc ctgtggatgc 4500
agccaccacc tcacaaagcc atgaattccc aaagcatcac tgaacttgcc cagccgggac 4560
actggagact gaagaagttc cccggagcag gactgccttt gaaggggcct tggggctggg 4620
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gggtttgctg gtctctctgt cgccttcccc cactctcct ggacctagca ggccctcagt 4740
cctagctgtc ttacctgcgc tcagcttgga gtcaggcctc aggtggagag ccgcatgtca 4800
ctgtcagaga tgagccacc cccacccttc cctggggggc attagctgct gagtcaacca 4860
cccagccttg gagctggatg cctgtgcagc agaacagagg caacgggtggc aggcagggtg 4920
aggctgcgca cagcttctcc cggatcatgg acacacctgt gcccagacgc caatgcctcc 4980
taagccagga gctgggttat gcacccgcca tggccccaca ttaacgctcc caccacaagc 5040
cccagcccta gtcagagccc ctcatcgccc cccatccctg agtgggcagg agccctggcc 5100
cggggagggc ttgggcctgt gaggattctc cccgaagggt gccctcggag gcaccagggt 5160
tgaggccctg ggggccccgt tccccagaag ctgccagtgc tctcagatgc attgactctt 5220
ccgcctccc ctccctcaga aaggtagtcc ccacactatt tttaaaatgt tctcttatgc 5280
aatacactgt tcctagttag gcagggtctt ggccctgagg agtctttgca atgtattgaa 5340
ggaattgctc ccgtgtgagt tttgactgat tttgcagtaa ggacctgac tttctcaaaa 5400
aaaaaa 5406

```

<210> 7006  
 <211> 1026  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (887)...(28)  
 <223> similar to gill1074 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7006  
 tttttttttt ttgcgaaaat agtgggaata tttttgaaaa gacaagtcac tatgatgttt 60  
 acagtacaac ctcaggggccc ctccgcactt ggtttgcgac actccggagg cgttttgaat 120

```

ggcctacaac accttccaga gaggcggtct gggcctgatt tggctctctt caaatatcaa 180
aataaaaaact tttgacgtac acattgcacc caagtaaaaa ctaaacaata gagcaaaaaca 240
aaccatggat cttcaagata cttatggaga gaaggggtgag aaggaagccc tctcaccctt 300
tgaccacact tcacaggcac gacgctgtga gaggacacgt gcgtcccagg cctgggttgg 360
gtcgggtgcat gaggtgcccc tggccagggc agcggctctg cagccccagc cctgagcatc 420
cccgtccggc agcacagacc tcaggcttgc agcccggcag gggaggcagg gagagcgccg 480
ccatgcagggt gcccgtgccc tcgacacagc catggtgggg cttccctgac cccgtctgtc 540
ccaccaata ccccatataa aaaaaaaaaa tcaaggaagc ctgtgttcac attacaacac 600
aaaaatagca ccagaaactt cagagtaaca ttgcaaata gtaggagcca gagctccgta 660
cagcagggag gctctagagg gcggccatgg aggtctgggag ggaacgagga gggcccgagg 720
gagctggcac aggggcggtt tcttcccagt tccatacggg aaccgggttc ctgggggtcaa 780
ggtgtgctag agatgggctt ttctcccaga gcgcaaattg aggtctggcat gaccctgtgg 840
tcagaggagg gaggcacatg cctgtggta gagggaggag gcatgaccct gtggtcagag 900
ggaggaggcc tgttgtgtct ttgggggacc aggcggctca gaagcaacc ttctaagtag 960
tgagcactgc cttccccac gtggtttcta aggtcacttt ggaattccag caacagcagc 1020
aagact 1026

```

```

<210> 7007
<211> 8689
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8125)...(1242)
<223> similar to gi3716028 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7007
tttttttttt ttaggggggg gagcatttat tttaattttt gtcttgcagc tctttgtaga 60
ggacctagcc tttctttact gaactgaagg ggtttgggtc catcaccgga agactggccc 120
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<210> 7008  
 <211> 1331  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1039)...(203)  
 <223> similar to gi3763920 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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attt	ata	act	g					1331

<210> 7009  
 <211> 971  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (554)...(871)  
 <223> similar to gi296594 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 aagaatgccg g 971

<210> 7010  
 <211> 1509  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (358)...(193)  
 <223> similar to gil213130 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 7011
<211> 1424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1235)...(555)
<223> similar to gil3009 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7011
agactcgaag actctgagct tgtaggaggg taaaatagag acccagtaaa attgtaataa 60
gcagtgcctg aattatttgg ttctcggtgt tttctattag actatggtga gctcagggtga 120
ttgatactcc tgatgcgagt aatacggatg tgtttaggag tgggacttct aggggattta 180
gcgggggtgat gcctgttggg ggccagtgcc ctctagttag ggggtaggg gctaggctgg 240
agtggtaaaa ggctcagaaa aatcctgcga agaaaaaac ttctgaggta ataaatagga 300
ttatcccgtg tcgaaggcct ttttgacag gtggtgtgtg gtggccttgg tatgtgcttt 360
ctcgtgttac atcgcgccat cattgggtata tggttagtgt gttggttagt aggcctagta 420
tgaggagcgt tatggagtgg aagtgaatc acatggctag gccggaggtc attaggaggg 480
ctgagagggc ccctgttagg ggtcatgggc tgggttttac tatatgatag gcatgtgatt 540
ggtgggtcat tatgtgttgt cgtgcaggta gaggcctact agaagtgtga aaacgtaggc 600
ttggattaag ggcacagcga tttctaggat agtcagtaga attagaattg tgaagatgat 660
aagtgtagag ggaagggtta tggttgatat tgctagggtg gcgcttccaa ttaggtgcat 720
gagtaggtgg cctgcagtaa tggtagcggg taggcgtacg gctagggcta ttggttgaat 780
gagtaggctg atggtttcga taataactag tatggggata aggggtgtag gtgtgccttg 840
tggtagaag tgggctaggg catttttaat cttagagcga aagcctataa tcaactgcgc 900

```

cgctcataag	gggatggcca	tggctagggt	tatagatagt	tgggtggttg	gtgtaaata	960
gtgaggcagg	agtcaggga	ggtagttgt	ggcaataaaa	atgattaagg	atactagtat	1020
aagagatcag	gttcgtcctt	tagtggttg	tatggttatc	atttgttttg	aggtagttt	1080
gattagtcac	tgttggttg	tgattagtcg	gttggtgatg	agatatttgg	aggtagggat	1140
caatagaggg	ggaaatagaa	tgatcagtac	tgccggcggg	aggcctagga	ttgtgggggc	1200
aatgaatgaa	gcgaacagat	tttcgttcac	tctggttctc	agggtttgtt	ataatttttt	1260
tatttttatg	ggctttggtg	agggaggtag	gtggtagttt	gtgtttaata	tttttagttg	1320
ggtggatgag	gaatagtgt	aggagtatgg	gggtaattat	ggtgggccat	acggtagtat	1380
ttagttgggg	cattcccttc	tgctgtcttc	tcgcagccgt	accc		1424

```

<210> 7012
<211> 587
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (227)...(174)
<223> similar to gi2065165 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7012						
ggggctggaa	gtggaagcgc	agcggcagaa	ggagagggag	agagaaagag	agagaggcta	60
attaaaaaag	gatactccga	gggaagagag	caagggcggt	gcgccgccaa	ggaccaacta	120
gcggcgggag	ttcgatcttg	cctaggcgcg	gagagctccc	aacctgggct	ggaaccttgc	180
ccagcacagg	tggtgctac	accccatgta	aaaagcggaa	aataaaatga	agattttcca	240
gcgcaagatg	cgggtactgt	tgtttccacc	ttttttggca	attgtttatt	tctgcaccat	300
tgtccaaggt	caagtggctc	caccacaag	gttaagatat	aatgtaatat	ctcatgacag	360
tatacagatt	tcatggaagg	ctccaagagg	gaaatttggg	ggttacaaac	ttcttgtgac	420
tccaacttca	ggtggaaaaa	ctaaccagct	gaatctgcag	aacactgcaa	ctaaagcaat	480
tattcaaggc	cttatgccag	acaaaaaatt	cccagggttc	attattggct	tccattaaga	540
taaagaaagc	cagccagctc	aagggccatt	cagaatttaa	ggttttag		587

```

<210> 7013
<211> 1838
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1174)...(833)
<223> similar to gi2465332 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7013

tgggggggtgg	tatggagaga	gaatgggcga	tgtttctcag	ggctgcttca	agcgggatta	60
ggggcgggcgt	gggaacctga	agctcgggcgt	ccgtgatggg	ctagggggct	ttcgaggcga	120
tcgggcgggtg	tcagtcttca	gccgctaagc	cgagaggatc	tgatttaaaa	ttggtgagat	180
gttccttggg	ctggtcagtc	tgaggacctg	aggctcgtag	tggatctttc	tcacggagca	240
aagagcagga	ggacagggga	ttgagctccc	aaggggaggtc	ccccgatcca	agtcacggca	300
ccaaatttca	tgcgcggcac	caaatttcat	gcgcgtccgt	gtgaagagac	caccaaacag	360
gctttgtgtg	agcaataaag	ctgtttattt	cacctgggtg	caggcgggct	gagtccgaaa	420
agagtcagcg	aaggagata	gggatggagc	cgttttatag	gatttgggta	ggtaaaggaa	480
aattacagtc	aaagggggtt	tgttctctgg	caggcagagg	agtgggggtc	acaaggtgct	540
cagtgggcag	gagtgggagt	cgcaagatgc	tcagtggggg	agctttttga	gccaggatga	600
gccaggaaaa	ggaatttcac	aaggtaaatgt	catcagttaa	ggcagggacc	agccattttc	660
acttcttttg	tgggtggaata	tcatcagtta	aggtggggca	aggcataattc	acttcttttg	720
tggatcttta	gttgcttcag	gccatctgga	tgtatacttc	cactgtgaga	gttaccgaa	780
gctcagcatc	cgtgatggtc	tagggggctt	ccgaggcgat	tgggcagtgt	cagtcttcag	840
ccgctaagcc	gagaagatct	gggaaggagt	cagtcagaga	gccttgggcc	ggagttccag	900
gggctctggg	agtggcttgc	ccaaggtgag	ttgaacagtc	cgattttcag	tgggggtccca	960
cacagatggg	acgcggctta	ggaggaatcc	caggctgcgg	gcattccttt	gcccagtggc	1020
cagatttccg	tcacatgtag	caagctccgg	atttgaaatt	ggtgagatgt	ttcttgggct	1080
ggtcgggtctg	aggacctgag	gtcgtaggcg	gatgtttctc	acagagcaaa	gagcaggagg	1140
acaggggatt	gatctcccaa	gggaggtccc	ccgatccgag	tcatggcacc	aaatttcatg	1200
cgcgctccgtg	tgaagagacc	accaaacagg	ctttgtgtga	gcaataaagc	tgtttatttc	1260
acctgggtgc	aggtgggctg	agtctgaaaa	gagtgagcga	agggagatgg	ggtggggcca	1320
ttttatagga	tttgggtagg	taaaggaaaa	aggggggttc	tctggcaggc	aggagtgggg	1380
gtcacaaggt	gctcagtagg	ggagcttctg	agccaggatg	agccaggaga	aggcatttca	1440
caagataatg	tcatcagtta	aggcaggaat	cagccatttt	cacttctttt	gtgatttttc	1500
agttacttca	ggccatctgg	atgtatacgt	gcaggtcaca	ggggatatga	tggcttagct	1560
tgggctcaga	ggcctgacat	cttcttttct	aatttctttc	acacataccc	cttcctttct	1620
gcttctatgg	ccgatatacct	ggttcagccc	ctgactctat	cacttttaac	ctgaaataac	1680
tgcaatatcg	ctaaaacgta	ttcctcttct	tgttctcttc	ccacccaat	ccttcttgca	1740
tactccagaa	cagctcccca	ttcagaaact	ttttttctt	cgagatggag	ttttgctctt	1800
gttaccaga	ctggaatgca	atggcataat	ctcggctc			1838

<210> 7014

<211> 580

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (85)...(353)

<223> similar to gi2316080 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7014

tttcgtgtct	gaggcggctg	tggccacgtc	tgaggcggct	gtggccgcgt	cggtgtccgc	60
gtcagaggagc	cggggcaggg	cacgatggcg	gactgggctc	gggctcagag	cccgggcgct	120
gtggaagaga	ttctagaccg	ggagaacaag	cgaatggctg	acagcctggc	ctccaaagtc	180
accaggctca	aatcgctcgc	cctggacatc	gatagggatg	cagaggatca	gaaccgggtac	240

ctggatggca	tggactcgga	tttcacaagc	atgaccagcc	tgcttacagg	gagcgtgaag	300
cgcttttcca	caatggcaag	gtgcaggtga	tggtcctacc	agtgtgtctg	ttgaggtcac	360
ccgtcctaaa	gtgacctccc	tgaagcctg	agttgaaatc	cagactccac	ttcttgaggc	420
ctggccttgg	actcttgggc	agcctctgga	aatcctcctc	ttcaggccca	gcggataccc	480
caccttccct	gtccatgtct	tccttgtact	ccctgtatta	cccattgatg	tgtaacaggt	540
caccctaaaa	cttcacctaa	aatagcaatg	aaaaaaaaaa			580

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<210> 7015
<211> 1669
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (230)...(91)
<223> similar to gil70454 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7015						
ggataaataa	tatcctatat	at ttatacat	ttctatgttt	taaatagata	taaaaataga	60
gtctatagag	ctgggagagc	agtgggaagc	ctggcgctgt	gctgtgcaaa	ggggaaggga	120
gcacggcctt	cggagaggga	gccggggaag	gccagcaggc	aggggttggt	ggcaaggggg	180
cctcctaccc	ggagtgttgg	agaggagagt	ggctgggtcc	cggctcgtct	catgcacttt	240
ctctcctttt	ccacaggctt	ggtctgaggt	tggaaaggaga	tacccctga	gctccagctg	300
aggtgcccc	tacctctccc	cacccccaca	gccacgctt	aggcggtcac	tgctgcttgg	360
cagtaggacg	tggctctctga	ctcctgggtg	gagggaccac	tgcaaaaact	ccttcaaac	420
cctccccac	caggactgag	cagcgtcagt	ggcaatagga	aagggtccaaa	ctggatcaag	480
agctgggtcca	ggaaagatac	cgccccctgcc	ctggttagatg	cttctgctgc	ccctagaggc	540
caagccccctg	aagtgcagcc	gtcctggcct	ccctcacttg	ctcaaccact	gtcaggagga	600
gaggatgtgg	gcagcatgag	catcgccagg	cagcgtgcc	caccatccac	aggctttctg	660
gccagggcag	ggggcatcag	ctagcaggaa	acggtgggag	agacatatct	gcacactcat	720
aaattcaatg	gctactccag	tccagaagca	gggctttggc	ccagcccgt	ccgcgcagca	780
gctgctgctg	gctgtactca	ggacaacgct	gttccccctc	cctcacagag	gccccgtggc	840
ccctacccca	ctcccgccgt	aacaggcagg	tttagttcac	atacactgtt	cgcattctgt	900
gacttgaggc	agaggctgag	ctgggatacc	ccaagctcat	ccactttcgt	tggggaggggc	960
ccctccctgg	gtttatcacc	agctcctagc	cggggccggg	cggggatgtc	tggggggccac	1020
gcgggggcac	tggtgcaagc	tggcagcatg	acagagggct	tgtgcagccc	tgacgggacc	1080
cagaagccca	tttgctcgca	gtttcctctc	tctgtttttt	tcctcctgga	ggtaggagag	1140
agggcctgac	caggcaccag	atgatggagc	aagggcagct	gcatgctccc	tctctccaga	1200
ccagccttct	gcttttgggg	tccgaagggg	catttgcctc	catcctgagc	ctcctctgcc	1260
cctgtcttgc	tcttccctac	catcctacaa	gtacctcagt	ctccagcagg	cccacccctc	1320
cacctgcagc	ccagggcggg	tctgtttctgc	caatgcccac	ctccttgagc	cacagtttagc	1380
tgccaactgg	gtcttgggac	accctccagt	acctggctca	agagagacca	ggccgggccc	1440
agccttcttc	ccactgcagt	ggactagacc	cacggccagg	ggatgggcat	ccccaggtag	1500
caatcccaca	atgcactgta	cctcaaagag	agagcacgcc	aggggcacca	agggaccgag	1560
ccctctgtcc	agaggggggac	agcggtcaca	atactgtctc	ccaaaagaca	aaggccaggc	1620
tgccctcggg	cacctctcag	tcttcacttt	tgtctctccg	gaagaacca		1669

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<210> 7016  
 <211> 5600  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (186)...(1310)  
 <223> similar to gi3449310 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7016  
 caaagttgtc atgaaaatattt attaagaaaa ataaaataga gttcatttta ttaagagggc 60  
 attaaatctt agttggtaat gtctctttcc ttctttcctt tgcagagtat gtatgtaact 120  
 gctctgtggg tgggaagcctg aatgtgaatc gctgcaacca gaccacaggg cagtgtgagt 180  
 gtcggccagg ttatcagggg cttcactgtg aaacctgcaa agagggcctt tacctaaatt 240  
 acacttctgg gctctgtcag ccatgtgact gtagtcacca tggagctctc agcataccgt 300  
 gcaacagttc tgggaaatgc cagtgc aaag tgggtgtcat tggctctata tgtgaccgat 360  
 gccaaagatg atattatggc tttagtaaga atggctgctt gccctgcaa tgcaataatc 420  
 ggtctgccag ttgcgatgcc ctacacaggtg cttgtttaaa ctgccaggaa aatagcaaag 480  
 gaaatcactg tgaagaatgt aaagaaggat tttatcagag tcctgatgcc actaaagaat 540  
 gtcttcgctg cccttggttca gcagtgcacat ctacaggcag ctgctctata aaatcgagtg 600  
 aattggaacc tgaatgtgac cagtgtaaag atggttacat agggccgaac tgcaataaat 660  
 gtgaaaatgg ctattacaat tttgacagca tctgtagaaa gtgccaatgt cacggccatg 720  
 tgtaccaggt taaaactcca aagatttgta agcccgagag tgggtgagtgc atcaactgcc 780  
 tccataaacac cactgggttt tgggtgtgaga actgcctata aggttatgtt cagcacctcg 840  
 agggaaattg catcaagaaa gttattcttc caacacctga aggttctacc attttgggtt 900  
 ccaatgcctc tttgaccaca tcagtgcaca cccctgttat aaatagtact tttacccta 960  
 caaccctgca gactatcttt tcagtaagca cttctgaaaa cagcacttca gcttttagctg 1020  
 atgtatcatg gacccaatth aacatcatca ttttgacagt catcatcatt gttgtggtgc 1080  
 tgctaattggg atttgtgggg gctgtatata tgtaccgca gtacaaaaac cggaactca 1140  
 atgccccctt ttggaccatc gagctgaaag aagacaatat cagtttcagc agctaccatg 1200  
 acagcattcc caatgcagat gtttcgggat tgttggaaga tgatggcaat gaagtggctc 1260  
 ccaatgggca gctgaccctg acgacgcca tacataacta caaagcctaa ggagctagaa 1320  
 ctgttctgaa ttgttaaacc acagtgttg ctaagacaga gtcagccctt gggccagaca 1380  
 aagcctgggt agagtttgct gagaaagcaa aggcaaatag tgcattctgaa attttcaggt 1440  
 acaaatttgt aatgcgctta gcctatctat tgctcttagt tttcccatga agatctgaag 1500  
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 gggaagcatt caccaagcca gtggttaaca gatgatgaat gtggaggggg aaaagactgc 1680  
 tggaaagact catctccatt cctgaaacat tttttttaaa acagtgtcag ggattatatt 1740  
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 aaataatctt gattgtttct agaacagggg tagaaaagtc ccaagatctt cagaagggt 1860  
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 aaggagggaa ggcagcattg gggagcagga ggctgatgg cctcctcagg gtctcaggt 1980  
 aaatgataaa ttgtctaaaa ataaggaata ttctgcctc tagagaaata aggtgtacat 2040  
 agttaatgta gcatactctg tcgacgttgt atttgtatct atttgtaaaa aaaaaatcat 2100  
 gtcataatth atcatctgga atttatthgt acagcagttt atgggtgttg aaaaagaaaa 2160  
 atatggggat tgcttaaaat actgtaaaat agatggcaat attgctagag ctgggactct 2220  
 ggtgagcatc cgtcatttht agtccttctt gaggacattg ctgaaattht taagaggtcg 2280  
 aatgtttctt tctttcctth ctcagcttaa aagtaaagtt atatgctctt tgacttacta 2340  
 tgattcaagc aatagattth gaagtcagta atcgtaagc tgggacatag gatgcattct 2400

ccaaaaacat	taatctaatt	agacattagc	caccctatat	attttacata	gattaatatata	2460
aaacatatcc	tcattaaaaa	atgttttttct	tgaatgtaaa	agatagtctt	ccaaaggata	2520
gaaatatttt	agttccaaga	gaaaagccat	catattactt	gggatctgta	gttttcatgc	2580
ctatgaaata	tttataatcc	tccctcaccc	caaataaaaa	atctcctaca	tgtgaacata	2640
gacctgtcact	catttgccat	gagggtatgtg	ccatctccct	gcagtgtctat	agttctccca	2700
ttgtcttcct	gtctgggttaa	tgagcagctt	tgtagatggg	tgtgtctagt	tagttcttgc	2760
tttttgatgg	agttttttcc	tagaggccaa	ctactgttgc	tctcgtttat	tatgatattg	2820
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tcatcccttt	ataggagacc	cctaagttgt	tctcaggggt	tggagatgat	gttctggagg	3060
gagtacaagc	aaataatcta	cttctggtaa	tctgaggggtg	ctttgcgtat	ttggccattg	3120
ctcagaagaa	tagaggttac	attatattac	attatagaa	aattatttag	tttttctata	3180
gccctttgta	gtttgcaaag	cactttttcca	tatgtgtgtc	ctctcttcca	caccatagcc	3240
ccctgaggaa	gtaattgttg	tccccatttt	atagatgaaa	aggctgaggc	acagaggagc	3300
taaatatctt	gttcaaggct	atacaatgtg	tgtgattatt	aggcttgga	tcagggcctc	3360
taactctaaa	gcacatgttt	tttcaactat	atgcagaaat	tgccatagcca	tggacacaag	3420
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aatccagggc	catacagcta	tgaagcactt	agtgaaga	acacaagaag	atttactaac	3540
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tcatctctcc	aagcaggaag	ggaaaatttg	ctttccctag	cagttgctgc	atatgtgtgt	3660
acagactgca	caattctaag	aaattgtgca	aaatggcata	cctgtctttc	tcccagatac	3720
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accatgtaga	aattccttga	aacagacctt	aaaaggtatt	gaaaaattga	atcacaaaga	3900
aagtttacct	ttaaatactt	gttaatggct	cctagatcat	ggttataatt	tttctcaatg	3960
ggaaaaaaag	tcttaaaatt	tgttttaaat	aagatcctct	aatgtctcga	gctttttgat	4020
tctggaaata	atttgcttta	aaatataaat	caatcagaaa	gtgatctacc	actgaaatca	4080
ttctaggaaa	ctagcatggg	atgcactgca	caatgttctt	tcctctaaag	gcatgggccc	4140
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gcctaataat	gggagaatgt	ttgtgtgaag	attggaaatc	tgtttatttt	taaataagat	4560
agcactgatg	tgaatcttat	ttggaaatta	cagatactgc	cattaagcga	tgcttttatc	4620
ttcattaatt	cattttggta	agcgcctatg	catttctgat	ggttaggtgc	cctaggtagt	4680
gttaagtatg	tccgtgtcct	cccttactcc	cctctcgctc	cctctaccct	ctatccccta	4740
gggttctttt	attaatggaa	tttctccagt	tatagagaaa	aaaatgacat	ttgaaaacta	4800
aagetcattt	atattaatac	taaggtcctg	tgggcctagt	gcgttactct	tcccagtgat	4860
acctagattt	taagagtaga	gaacagagga	aacatgggat	gagaggagag	aggtttttta	4920
gacaacattt	gtagacacct	caaattatat	cactgtttctc	tagcgccaat	attcccaggt	4980
aaattgacca	ttaaagcaat	actcactgac	ctactagttt	attttgggtca	gctgagtacc	5040
atcaggatat	ttaacccttt	aagtgtgtgt	ttgggagtag	aaaactaaag	caacaatact	5100
tcctcttgac	agctttgatt	ggaatgggggt	tattagatca	ttcaccttgg	tcctacactt	5160
tttaggatgc	ttggtgaaca	taacaccact	tataatgaac	atccctgggt	cctatatattt	5220
gggctatgtg	ggttaggaatt	gttactttgt	gtgcagcag	cagccctaga	aagtaagccc	5280
agggtctcag	atctaagtta	gtccaaaagc	ttaatgattt	aaagtcaagt	tgtaatgcta	5340
ggcataagca	ctctataata	cattaaatta	taggccgagc	aattagggaa	tgtttctgaa	5400
acattaaact	tgtatttatg	tactaaaaat	tctaacacaa	acttaaaaaa	tgtgtctcat	5460
acatatgctg	tactaggctt	catcatgcat	ttctaaattt	gtgtatgatt	tgaatatatg	5520
aaagaattta	tacaagagtg	ttattttaaaa	ttatttaaaaa	taaatgtata	taattttgtac	5580
ctattgtaaa	aaaaaaaaaa					5600

<210> 7017  
 <211> 1569  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1570)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1266)...(1512)  
 <223> similar to gill196431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7017  
 ttctaattca gcatatatca tctcagaatg gatccccagc agggaaaaaa aaaaaaagtt 60  
 actaaaaagg aaagtatcca tacactgaaa acttaaagca tattcctttt tggttgcctt 120  
 gtatgtagaa atcagttctc caagtgtctg gaatggtgcc acttaggagt agaaactgat 180  
 gattgttgaa atggcctttg ggtggtctga aatagaccag tggaaacagt agctttgtag 240  
 gcaagaaggc aatagtaaga aaatgaaaaa ttgactcccc aaactgccat cactcctttt 300  
 accatccttt ttgtgttttt agtagtttgg tttctgacgg agacaataga aacttactta 360  
 aaagtaaaat ttaattctag ctgttgcaaa caggccaata ttgggtcctc agttggggcc 420  
 aacttgggta gacgagacag tagaaacttc tgttttctgg gagctgcatg tgtcggattc 480  
 atctgtcatg gccttcccac acaccatctt catgatgcaa gcttggaact ggagagaaag 540  
 gtacaattgg agataacctt ggcagatgag gaagtatggg aaaaaagacc ttattctctg 600  
 tatcaccaaa gccttgcaaa atgctttgta ccagaatgc ccttaggtgg ttttgaatct 660  
 atcttcccca tcctgaaaac tatctagatt ccagtctaga actactcctg ggtctacggt 720  
 aatcctaaac tgggtcaagtc tgagacctca ctggttgtaa attcacaaac catcctgctt 780  
 cataaaagca ctgtcagcag agggccctcc attactagca ggtgctcca gctggaaagg 840  
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 tgaggaaaca ataccatctg aaagttaggt ttttgccact tagggtttgg tgtttattag 960  
 ctcggttttc agatgggata ggaaatcccc cagtaccttc agatgataag atattttaga 1020  
 gattttttgca tgtggtatga tttctgtgct tcacacatgc tcgtgcaggc taaaagttgg 1080  
 aagggaatg attaagaaat tattaatgct aaggactgaa aattgagagg aatctgagtt 1140  
 tttattttta tttttttaat tttatttaag ttccaggata catgtgcagg atgtgcagg 1200  
 ttgttacata ggtaaacttg tgccatggtg gtttgcgtga cctatcaacc catcacctag 1260  
 gtattaagcc cagcatgcat tagctatctt tcctaattgt ctccttcccc cacctaacct 1320  
 cccaacaacc caaatgccca tcaatgatag actggataaa gaaaatatgg tacatatata 1380  
 ccatggaata ctatgcaacc ataaaaagga atgagatcat gttctttgca gggacatgga 1440  
 tggagatgga agccattatc ctacgcaaac taatgcagga ctatatgttc tcacttataa 1500  
 gtgggagctg aacaatgaga acatatggaa acaggaggga gaacaatata gaccgngtgc 1560  
 ctcttgcat 1569

<210> 7018  
 <211> 2349  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (226)...(2275)

<223> similar to gi3721653 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7018

cgggacagct	cagagcaggg	cagaactggg	gacactctgg	gccggccttc	tgccctgcatg	60
gacgctctga	agccaccctg	tctctggagg	aaccacgagc	gaggggaagaa	ggacagggac	120
tcgtgtggca	ggaagaactc	agagccggga	agccccatt	cactagaagc	actgagagat	180
gcggcccccct	cgcagggtct	gaatttcctg	ctgctgttca	caaagatgct	ttttatcttt	240
aactttttgt	tttccccact	tccgaccccc	gcgttgatct	gcctcctgac	atttgagact	300
gccatcttct	tgtggctgat	caccagacct	caaccgctct	tacctcttct	tgacctgaac	360
aatcagtctg	tgggaattga	gggaggagca	cgggaagggg	tttcccagaa	gaacaatgac	420
ctaacaagtt	gctgcttctc	agatgccaa	actatgtatg	aggttttcca	aagaggactc	480
gctgtgtctg	acaatggggc	ctgcttggga	tatagaaaac	caaaccagcc	ctacagatgg	540
ctatcttaca	aacagggtgtc	tgatagagca	gagtacctgg	gttctgtct	cttgcataaa	600
gggtataaat	catcaccaga	ccagtttgtc	ggcatctttg	ctcagaatag	gccagagtgg	660
atcatctccg	aattggcttg	ttacacgtac	tctatggtag	ctgtacctct	gtatgacacc	720
ttgggaccag	aagccatcgt	acatattgtc	aacaaggctg	atatcgccat	ggtgatctgt	780
gacacacccc	aaaaggcatt	ggtgctgata	gggaatgtag	agaaaggctt	caccccagac	840
ctgaagggtga	tcctccttat	ggaccccttt	gatgatgacc	tgaagcaaag	aggggagaag	900
agtggaattg	agatcttctc	cctatatgat	gctgagaacc	taggcaaaga	gcacttcaga	960
aaacctgtgc	ctcctagccc	agaagacctg	agcgtcatct	gcttcaccag	tgggaccaca	1020
ggtgacccca	aaggagccat	gataacccat	caaaatattg	tttcaaagtc	tgctgccttt	1080
ctcaaagtgt	tggagcatgc	ttatgagccc	actcctgatg	atgtggccat	atcctacctc	1140
cctctggctc	atatgtttga	gaggattgta	caggctgttg	tgtacagctg	tggagccaga	1200
gttggattct	tccaagggga	tattcggttg	ctggctgacg	acatgaagac	tttgaagccc	1260
acattgtttc	ccgcggtgcc	tcgactcctt	aacaggatct	acgataaggt	acaaaatgag	1320
gccaaagacac	ccttgaagaa	gttcttgttg	aagctggctg	tttccagtaa	attcaaagag	1380
cttcaaaagg	gtatcatcag	gcatgatagt	ttctgggaca	agctcatctt	tgcaaagatc	1440
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tcagtcatga	cattcttccg	ggcagcaatg	ggatgtcagg	tgtatgaagc	ttatggtcaa	1560
acagaatgca	caggtggctg	tacatttaca	ttacctgggg	actggacatc	aggtcacggt	1620
ggggtgcccc	tggcttgcaa	ttacgtgaag	ctggaagatg	tggctgacat	gaactacttt	1680
acagtgaata	atgaaggaga	ggtctgcatc	aagggtacaa	acgtgttcaa	aggatacctg	1740
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aagctggccc	aaggagaata	cattgcacca	gagaagatag	aaaatatcta	caacaggagt	1920
caaccagtgt	tacaaatttt	tgtacacggg	gagagcttac	ggctatcctt	agtaggagtg	1980
gtggttcctg	acacagatgt	acttccctca	tttgcagcca	agcttggggg	gaagggtctc	2040
tttgaggaa	tgtgccaaaa	ccaagtgtga	aggggaagcca	ttttagaaga	cttgcagaaa	2100
attgggaaag	aaagtggcct	taaaactttt	gaacaggtca	aagccatttt	tcttcatcca	2160
gagccatttt	ccattgaaaa	tgggctcttg	acaccaacat	tgaaagcaaa	gcgaggagag	2220
ctttccaaat	actttcggac	ccaaattgac	agcctgtatg	agcacatcca	ggattaggat	2280
acagtactta	agtacctgcc	ggccccctgt	gcactgcttg	tgagaaaatg	gattaaaaac	2340
tattcttac						2349

09483735 "013100

<210> 7019  
 <211> 1833  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1633)...(1141)  
 <223> similar to gi3098268 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7019

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tttttattgt	tacattccaa	agaggacata	ggaagaaaaa	aagccagtta	acccaataaa	180
tggttaagac	ctttcagaag	aggcaccac	aaccccagcc	ctagttcaaa	gctgcacaca	240
ttggagctca	aacagctgcc	tctcaccacg	accggaaatg	ctgacaaatg	tgtatatatt	300
atcaatccag	ggaggcttgg	gtttaaaata	aaatttcttt	attgcaagtg	tccaagtcct	360
taggatttgt	ccttaaaggt	actagaagat	gagtaagacc	acacacacca	agactatggt	420
tagtctttag	agtaaactag	caaatggcca	gtttgttcta	ggatgcattg	catcagacat	480
cacagtacat	gaagaaaatc	tgctttttgt	gaaaagccac	caggcatttt	agatcccgtt	540
taccatgaag	tgcagacaca	gcagataccc	agataataca	gtcagtgcaa	aagtcaaatg	600
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agaaggtaag	gtctattttac	aaaagtttgt	ttagtaaaagt	gacttgaaaa	aagttgttaa	720
ccacttccca	ggcatccctc	ccctctccca	ccaaaacaaa	caaacaaaaa	acaacaacaa	780
caaaaaccct	gaaaattatc	ttgaaagtca	agttaaaact	atgtggtgaa	aaagagagtg	840
cttgttccag	gtaaaggact	tcaagataat	ttacaggcag	atttattttt	attagtaaaa	900
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tattattacg	ttaacaagaa	aaaaaaatca	agcaagtttt	tgcttccagt	tttgaatctt	1020
ccagcaacag	ttggtgaaat	caacaaggta	ttaaaatgaa	accagcaaaa	accagtcag	1080
ttctttccag	ttgtctgcct	gtttctttct	agtcaccttg	aattcaattc	ccaattagct	1140
gaggacaaca	tgccggtcaa	agacagactt	tcgctgctct	tggaacttgaa	gcttccagcg	1200
ctgctgtgca	tattctacct	tgttcagcac	gttggtcga	ctgcgggagc	gggctagcac	1260
atcgtgtgca	tttgcaaaag	gctggtgate	cccaatatca	tcatcactct	gtatcaactg	1320
tgcattgtcca	aagaggcgcc	tcttcagtat	gggctcaacc	agagtaagat	ataccatgta	1380
cagaagtaga	aggcccaaaa	tggagagata	aattataatg	gtaaccttga	ttgtgacaga	1440
gcttctttct	tcatattttg	attcacagcg	tagacagtat	gcttctacat	caggcccccg	1500
cacaggcatg	ggtccacaaa	catgaaggca	atcacaatct	ttctgagata	tgttcttatt	1560
ataaatatgc	ccagaatttt	ctttataggg	agggcagata	catttacatc	tgacatcctc	1620
gaaattcttg	gcggcgtctg	acagctgcgc	cagcagcagc	acggaaagcg	ccaggcacga	1680
caggctgagc	aaggagccaa	gccgaagaag	gcctccccac	agggctcgcca	tcgctggggg	1740
cccagcggtc	ccacagcccg	gagcccccg	gaccggctcc	cggctcgggc	tcaggctcag	1800
gctcaggctc	aggcacaggc	ttgggaccgg	gct			1833

<210> 7020  
 <211> 1536  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (558)...(1488)  
 <223> similar to gi4995303 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7020

cggccgcgac	cactaccacc	actgagcacc	gcttcttccg	ccggagcgtc	atctgcgact	60
ccaatgccac	tgcactggag	cttcccggcc	ttctcttttc	cctgccccag	cccagcatcc	120
ccgcggctgt	cccgcagagt	gctccaccgg	agccccaccg	ggaagagacc	gtgaccgcca	180
ccgccacttc	ccaggtagcc	cagcagcctc	cagccgctgc	cgcccctggg	gaacaggccg	240
tcgcggggccc	tgccccctcg	actgtcccca	gcagtaccag	caaagaccgc	ccagtgtccc	300
agcctagcct	tgtggggagc	aaagaggagc	cgccgccggc	gagaagtggc	agcggcggcg	360
gcagcgccaa	ggagccacag	gaggaacgga	gccagcagca	ggatgatatc	gaagagctgg	420
agaccaaggc	cgtgggaatg	tctaacgatg	gccgctttct	caagtttgac	atcgaaatcg	480
gcagaggctc	ctttaagacg	gtctacaaa	gtctggacac	tgaaccacc	gtggaagtgc	540
cctggtgtga	actgcaggat	cgaaaattaa	caaagtctga	gaggcagaga	tttaaagaag	600
aagctgaaat	gttaaaagg	cttcagcatc	ccaatattgt	tagattttat	gattcctggg	660
aatccacagt	aaaaggaaa	aagtgcattg	ttttggtgac	tgaacttatg	acgtctggaa	720
cacttaaaac	gtatctgaaa	aggtttaaa	tgatgaagat	caaagttcta	agaagctggt	780
gccgtcagat	ccttaaagg	cttcagtttc	ttcatactcg	aactccacct	atcattcacc	840
gcgatcttaa	atgtgacaac	atctttatca	ccggccctac	tggctcagtc	aagattggag	900
acctcgtct	ggcaaccctg	aagcgggctt	cttttgccaa	gagtgtgata	ggtaccccag	960
agttcatggc	ccctgagatg	tatgaggaga	aatatgatga	atccgttgac	gtttatgctt	1020
ttgggatgtg	catgcttgag	atggctacat	ctgaatatcc	ttactcggag	tgccaaaatg	1080
ctgcacagat	ctaccgtcgc	gtgaccagt	gggtgaagcc	agccagtttt	gacaaagtag	1140
caattcctga	agtgaaggaa	attattgaag	gatgcatacg	acaaaacaaa	gatgaaagat	1200
attccatcaa	agaccttttg	aaccatgcct	tcttccaaga	ggaaacagga	gtacgggtag	1260
aattagcaga	agaagatgat	ggagaaaaaa	tagccataaa	attatggcta	cgtattgaag	1320
atattaagaa	attaaaggga	aaatacaaa	ataatgaagc	tattgagttt	tcttttgatt	1380
tagagagaaa	tgtcccagaa	gatgttgcac	aagaaatggt	agagtctggg	tatgtctgtg	1440
aaggtgatca	caagaccatg	gctaaagcta	tcaaagacag	agtatcatta	attaagagga	1500
aacgagagca	gcggcagttg	gtacggggag	agcaag			1536

<210> 7021  
 <211> 1406  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1354)...(377)  
 <223> similar to gi5912119 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7021

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agaattcaaa	ggacacaagg	ttctagtcct	ggaagactac	aactcttact	gtttgagatg	120

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tttattttcta gtttttagtg ttaaacccca gctccatatt tattccttaa gtgtttcccc 180
tcaccctggg aagaagcttg ttgctcgttt ttgattgtcc tctgccagca gatctgcacg 240
agatgtggtt cttcagtcct tcccacttgt gagacaaatc tccattaaag tctcaacaaa 300
tgcaactgtc ccttgtagag taagcaagcc taagagtgtc gcttctctgc cctggccctg 360
gctggtcaga gtactaggag ttcttggtatt tccgctcttt tctggccctg gaggccatga 420
ggctgaagaa gagcccagga gccagagttc gaagataaac agccaaggaa ggcagtaagt 480
cagccaggat cacatctttc ttcttcttcc ccacagcagc aagaacatcc tggggccacct 540
ccacagggtc tgggccctgg gctgtggtgg tgtccataac tccataccta gatccatccg 600
cggatgatgg atttacagag aggttggtgt ggatgtagcc ggggctgatg acggtcacct 660
caatttcata ctgttccatc tcggcacgca gacagtcaaa gaaagcctgg gttgcgtgct 720
tggaggctgc atatgctgat cgaaaaggaa tgctcatctt gccctggatg ctgctgatgg 780
cgacaatgtg gccttgcctc ctcttgatca tggagggcag gagtgccttc gtttagagcaa 840
ctggggccaaa gtagtttgtc tccatgacct tcttgccac atccactgtg gtgtccatga 900
tggtagcacg gtagctgata ccagcattgt tgacaagtat gtcgacatag ccaaagcact 960
gcaggatctc agctgctgct gcaactatgg cccagagtc tgtgaggtcg aaggcacca 1020
agtaaggctt gtgtgtctgc accttggtgg catgagaagc ggtgagttct ctgatgagct 1080
cttctagggc cccaccattc cggccacaga gcaccagttt agcaccgcga gcatagaaga 1140
cttttgcaca ttctttgccc agccctgagg tggcgctgt gatcaccacc acagcattcc 1200
gcaggtaggc cttcccgcg cccactgca gcagccgga gaggccgaag acgcccaggc 1260
agccgaacag caggggcagg atggctgtgg aggtgatgaa gtccatggcc ttcaccttcg 1320
gcagactctt cctggtagcc ggagagacca tagtcaatca acttcatcct cccgcctcgc 1380
ggacgcgtgg gcgacccacg cgtccg 1406

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<210> 7022

<211> 2575

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (649)...(881)

<223> similar to gi609360 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7022

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attgctgaga gtttgtattt ttccaataaa attattttat cttttccttt tttttccttc 180
ttcagaatcc caaaattctt ctcttagatg aagcaaccag gtgaggatat cttaataata 240
tatgccattg tgtgtattaa accaaattct tctttcacca aaacactttt aattctgtac 300
ctcaaagtga tacaactgaa aatccttttt ccccccttta ctctaaagtg aaggaagctg 360
aattaataat gacagttgaa aaccagtggt ctagtgaggt cctagttgag agttctaggt 420
ccacttcaga catggttgcc atcaatccta atcactctgt aagctgtaac tgtgcagaat 480
gcttttctcc ttacatcaca gtatagtttt atggagatca gaaagtccta aacagttgaa 540
attttgatca tggtaaaaaa tcattgctca ggaagggtg ctgtgtgtat caggaagcac 600
atgggtgtca ctgacgtctt tgctttcttg tgtgtgtgct cctgtgtcag tgcgctggat 660
gccgaaaatg agtaccttgt tcaagaagct ctagatcgac tgatggatgg aagaacggtg 720
ttagttattg cccatcgtct gtccaccatt aagaatgcta atatggttgc tgttcttgac 780
caaggaaaaa ttactgaata tggaaaacat gaagagctgc tttcaaaacc aaatgggata 840
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acaatatgag	actttaatgc	aaaacagtgt	tgcagaaaaa	aaactcagag	actatgaaat	960
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attgttttga	aacgtacctg	ttctcaagat	ctttttattc	agagttttta	taattgtaac	1080
tttttaaatg	tctatagcac	tgaagttatt	ttcagggttt	gtattttcct	ttcttggtga	1140
atattttaat	taatatagca	tggcacctca	ttttcttttg	cctgctgtta	aagattgaag	1200
ctattgtcaa	atgacaactt	taaaaaggca	attataaata	aaaagcctga	ttatttttagg	1260
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caaacctaac	tatttaacat	cagctggaaa	gaagggaaca	tttatattgc	ccatctcctg	1440
tgtcttcaaa	ggtgtgagag	ctgaggaata	tgtgttccta	tgggaactat	gtttgaatat	1500
gtgcagtttt	caacattttg	gcacatgaaa	gcctgacaag	tttttaaaag	ggcagaagct	1560
ttattttttg	aacaggaaaa	catgtttttt	aaattcacat	gtttgtatga	gtacttttgc	1620
gaagcaaggc	atgaactgct	aggattattt	aagaatgaat	gatttttgca	tttaagttgt	1680
ttgaaggcat	gtattttgaa	aaatatctgt	tacaaattta	taatttcaag	acaaattgaa	1740
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aattttcagc	cttaagacat	ttaagtttgg	aagtccttgc	tattcaacag	aataacaaga	1860
aaacttcaga	atgtatcact	ctcctgaaaa	gaagatatta	ataagccctt	ttatttatgg	1920
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atattttgta	tcagtgtctg	taatttgctg	ttgcctcaag	aaaaagtgtc	ttttctccat	2040
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catgaactaa	gcattttatta	gttccttgat	tagactggaa	gaagaaacca	ctatttcatg	2160
aaaagcatgg	aatattatat	tttattgttc	ataattaatg	aataaaattg	atatgaatga	2220
atatagtgtt	ctttgaatta	gtaaacagta	catctgtgac	aatcattttt	aacaagctct	2280
acttgtgttc	tttataaagt	gtgattttca	gaaagcaaac	aacacaatta	caagggtgaa	2340
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<210> 7023

<211> 2646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (146)...(2171)

<223> similar to gi3702453 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7023

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cggcgcggtg	gggaccgagg	tggacatgga	tccgcagagg	tccccctat	tggaaagtaa	180
ggggaacata	gaactgaaga	gacctctgat	taaggcccc	tcccagctgc	ctctctcagg	240
aagcagactc	aagaggaggc	ctgaccagat	ggaagatggc	ctggagcctg	agaagaaacg	300
gacaagaggc	ctgggtgcaa	cgacccaaat	taccacatcc	cacccaagag	ttccatccct	360
cactacagtg	ccacagacac	aaggccagac	cacagctcaa	aaagtttcca	agaagacagg	420
acccgggtgt	tccacagcta	ttgccacagg	gttgaagaac	cagaagccag	ttcctgctgt	480
tctgtccag	aagtctggca	catcaggtgt	tcctcccatg	gcaggaggga	agaaacccag	540



caaacgtcca	gcctgggact	taaaggggtca	gttatgtgac	ctaaatgcag	aactaaaacg	600
gtgccgtgag	aggactcaaa	cgttggacca	agagaaccag	cagcttcagg	accagctcag	660
agatgccag	cagcaggtca	aggccctggg	gacagagcgc	acaacactgg	aggggcattt	720
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cctgtttccc	tctggccctg	gtgggcccct	tgatcctcca	acccgcctta	gcctctcccg	1200
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catgcttgtc	cagtcagccc	tggatggcta	tccagtatgc	atctttgcct	atggccagac	1380
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gagcgggggc	tgagggttc	gtcttttctc	ccctctgcta	tcaccgggtc	tggaccttg	2520
cctggatcat	cttccctct	gctaataccc	cctaccccg	ccgtcacatc	agggagggtg	2580
gccctctagc	tatccacgcc	ccctccttgg	tcactagtta	taggtaactt	tcacccttcc	2640
gccggc						2646

<210> 7024

<211> 1857

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(1483)

<223> similar to gi219571 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7024

gagaaggctt caatggattc tcttgtgggc cttgtgctct gtctctcatg tttgcttctc 60

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ccagtgattg	gaaatatcct	acagataggt	attaaggaca	tcagcaaadc	cttaaccaat	180
ctctcaaagg	tctatggccc	tgtgttcact	ctgtattttg	gcctgaaacc	catagtgggtg	240
ctgcatggat	atgaagcagt	gaagggaagcc	ctgattgatc	ttggagagga	gttttctgga	300
agaggcattt	tcccactggc	tgaaaagagct	aacagaggat	ttggaattgt	tttcagcaat	360
ggaaagaaat	ggaaggagat	ccggcggtttc	tccctcatga	cgctgcggaa	ttttgggatg	420
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gtgatctgct	ccattatttt	ccataaacgt	tttgattata	aagatcagca	atttcttaac	600
ttaatggaaa	agttgaatga	aaacatcaag	attttgagca	gcccctggat	ccagatctgc	660
aataattttt	ctcctatcat	tgattacttc	ccgggaactc	acaacaaatt	acttaaaaac	720
gttgctttta	tgaaaagtta	tattttggaa	aaagtaaaag	aacaccaaga	atcaatggac	780
atgaacaacc	ctcaggactt	tattgattgc	ttcctgatga	aaatggagaa	ggaaaagcac	840
aaccaaccat	ctgaattttac	tattgaaagc	ttggaaaaca	ctgcagttga	cttgtttgga	900
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ccagaggtca	cagctaaagt	ccaggaagag	attgaacgtg	tgattggcag	aaaccgggagc	1020
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agatacattg	accttctccc	caccagcctg	ccccatgcag	tgacctgtga	cattaaattc	1140
agaaactatc	tatttcccaa	gggcacaacc	atattaattt	ccctgacttc	tgtgctacat	1200
gacaacaaag	aatttcccaa	cccagagatg	tttgaccctc	atcactttct	ggatgaaggt	1260
ggcaatttta	agaaaagtaa	atacttcatg	cctttctcag	caggaaaacg	gatttgtgtg	1320
ggagaagccc	tggccggcat	ggagctgttt	ttattcctga	cctccatttt	acagaacttt	1380
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gaacattcga	cctccattac	ggagagtttc	ctatgtttca	ctgtgcaaat	atatctgcta	1680
ttctccatac	tctgtaacag	ttgcattgac	tgtcacataa	tgctcatact	tatctaattg	1740
tgagttatta	atatgttatt	attaaataga	gaaatatgat	ttgtgtatta	taattcaaag	1800
gcattttctt	tctgcatggt	ctaaataaaa	agcattatta	tttgcctgaa	aaaaaaa	1857

<210> 7025

<211> 1218

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(951)

<223> similar to gi57912 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7025

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gcgcggctga	ggagaaaggc	ggattggtat	ctgatgccta	tggggaggat	gacttttctc	180
gtctaggggg	tgatgaagat	ggttatgaag	aagaagaaga	tgagaacagt	agacagtcgg	240
aagatgacga	ttcagagact	gaaaaacctg	aggctgatga	cccaaaggat	aatacagaag	300
cagaaaagcg	agacccccag	gaactcgtgg	cctccttttc	tgaaagagtt	cggaacatgt	360
cgctgatga	aatcaagatc	ccgccagaac	cccctggcag	atgttcaaat	cacttgcaag	420

094829-2

<211> 782

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (76) \dots (510)$$

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<223> similar to gi2909830 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

cgtcactgca	aggcgccggg	ggacacgttg	gctgcgtttt	cggcgggcctt	cccgggtaca	60
aaaatggctg	tggctagcga	tttctacctg	cgctactacg	tagggcacaa	gggcaagttt	120
gggcacgagt	ttctggagtt	cgaatttcgg	ccggacggaa	agcttagata	tgccaacaac	180
agcaattaca	aaaatgatgt	catgatcaga	aaagaggcct	atgtgcacaa	gagtgtaatg	240
gaagaactga	agagaattat	tgatgacagt	gaaattacaa	aagaagatga	tgctttgtgg	300
cctccccctg	atagggttgg	ccgacaggag	cttgaaattg	taattggaga	tgagcacata	360
tcttttacc	catcaaaaat	aggttctctt	attgatgtaa	atcagtcaaa	ggatcctgaa	420
ggccttcgag	tattttacta	tttgggtacaa	gacttgaaat	gtttagtttt	cagtcttatt	480
ggattacact	tcaagattaa	accaatttaa	attgtatgtt	ttcaggctgt	ttgtatatatt	540
aattaaggga	tgggaggggg	tatttgtcat	ttacagtatt	gggggttttta	tgaatgtgaa	600
gcaaacaaaa	aaaatttgta	tgtaaactga	aaataagaaa	atacatttagc	aagcttaatg	660
gttatcccta	cttgagtcca	catgggttgg	acagtcccca	cacacattaa	attctgtaaa	720
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aa						782

<211> 2034

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (209)...(1337)  
 <223> similar to gi3702295 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7027

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aggcaccct	gccctcctga	ggtcagctga	gcggttaatg	cggaaggta	agaaactgcg	180
cctggacaag	gagaacaccg	gaagttggag	aagcttctcg	ctgaattccg	agggggctga	240
gaggatggcc	accaccggga	ccccaacggc	cgaccgaggg	gacgcagccg	ccacagatga	300
cccgccgcc	cgcttcagg	tgcagaagca	ctcgtgggac	gggctccgga	gcatcatcca	360
cggcagccgc	aagtactcgg	gcctcattgt	caacaaggcg	ccccacgact	tccagtttgt	420
gcagaagacg	gatgagtctg	ggccccactc	ccaccgcctc	tactacctgg	gtatgccata	480
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cttcaactggg	tactggtggt	gccccacagc	ctcctgggaa	ggttcagagg	gcctcaagac	1080
gctgcgaatc	ctgtatgagg	aagtcgatga	gtccgaggtg	gaggtcattc	acgtcccctc	1140
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ccagcagtgg	ctccagctcg	tcctcctccc	cccggccctg	ttcatcccga	gcacagagaa	1440
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aatcagaggg	agaggacgag	ctctgctttc	tccgcgccaa	tgaatgcaag	accggcttct	1620
gccatttgta	caaagtcacc	gccgttttaa	aatcccaggg	ctacgattgg	agtgagccct	1680
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agggcttaga	gcacccaact	gttggcttat	tcaggcagca	gatttactga	gcacctcccc	1920
tgtgccaggc	ccttagcaca	accaggggtt	ggccacctac	ggccccacag	tcaaaccggg	1980
cccaccacct	gtgttcataa	ataaagtttt	attggcactg	agccccaaaa	aaaa	2034

<210> 7028  
 <211> 6641  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (6565)...(4022)  
 <223> similar to gi3327212 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7028

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agaaacaaaa	aaaagaattt	gtgtatcggg	ccgcgggggg	gaagtaaatt	tgatatcctt	180
aaacccgcca	ctcttttttt	tttttttctt	tttattattc	tttattgggtc	ctaccaatgt	240
gactctttac	ccaggcccac	tgttcctatg	cgcactggct	ttgtaggcat	tcacatcata	300
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tcattttctc	agaaattgaa	ggcatttgat	tattattttt	ttgtttgggg	tctgtgtaaa	420
gggttccttg	ggcaggagga	acatggcata	tggactttta	aataaagacc	aaacatttct	480
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aaattaaata	ccccataca	gatgaagtta	tctcaaattg	aacaatat	cttatgaatc	600
aacactgtaa	cggaaggtaa	aaataggagt	ccctacaact	aggaataaga	aatgcttatt	660
ccaggaaaca	gaattctttt	atttttgtca	tttatattat	tataattttt	ccttttttgg	720
agaaggaagg	acagtttttc	ttcctccaag	agtaccaatt	tgaccactcc	cactaacctc	780
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cggataaaaa	aagaacatgt	gtaacaagga	gcccccggtg	tgggcgtttc	cagtgggctc	2040
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tgctattttg	aaaagaattg	cagtggcata	tccaaaaagt	ttctaagtgg	gcttttaggt	2220
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ccacaggggtg	atcgggaaaa	aagtactgag	aaaagttctg	ctcagaatgt	gggaaggcag	2880
gtgtggatgg	agcctctgga	aatgggagaa	ccctacagct	acctttcctc	tttctctgtt	2940

004000 " 004000



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tctcgccag	ctcgtgggac	agccgcttca	cctcggcgcg	cagccactcc	ggctgcgcct	6540
ccatcaccag	ccgcgcgtac	tcctcctcct	ccgacggcgc	cgacatgggtg	gccgagggct	6600
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<210> 7029
<211> 1952
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (463)...(1263)
<223> similar to gi4884300 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7029						
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gctccgcgaa	agtggctgca	agccggccgc	ccactgtcag	ggttgggggg	acagagaaaag	180
tgatgtgcgc	cttctaaagc	ctcgcccagc	gccgcgaag	cagcttcacc	tctccaactt	240
tctcccaccg	actgcttgtc	ttgaccctgc	cctccaccct	ccccagagcc	acttcgggtg	300
cgcgctcttg	ggtaaagggg	gggtcacccg	ctgtctggga	tggcttccaa	ttttaatgac	360
atagtgaagc	aagggtacgt	gaggatccgg	agcagacgcc	tcgggattta	tcagcgatgc	420
tggttagtat	tcaagaaagc	ttcaagcaaa	ggtccaaaaa	gactggagaa	atcttctgat	480
gaacgtgctg	catatttcag	gtgttatcat	aaggttacag	aactcaataa	tgtgaagaac	540
gtagctcgat	tgccaaaaag	caccaagaaa	catgccatag	ggatttattt	caatgacgat	600
acctccaaga	cttttgcttg	cgaatcagat	cttgaggctg	atgagtgggtg	caaagtactc	660
cagatggagt	gtgtaggaac	acggatcaat	gacatcagcc	ttggagagcc	tgacttactg	720
gccactgggg	ttgagagaga	acagagttag	agattcaatg	tgtatttgat	gccatctcct	780
aacttaggat	gttacatggg	cgaatgtgcc	ttgcagatta	catatgagta	tatctgtctt	840
tgggacgtcc	agaatcccag	agtcaaactc	atctcttggc	cgctaagcgc	cctgcggcgg	900
tatggacgtg	atactacgtg	gttcactttt	gaggcagggg	ggatgtgtga	gactggtgaa	960
gggctgttta	tctttcagac	ccgagacggg	gaggccatct	atcagaaaag	ccactctgct	1020
gccttgGCCa	tagccgagca	gcacgagcgc	ttgtacaga	gtgtgaaaaa	ctcgatgctc	1080
cagatgaaga	tgagtgagcg	ggccgcctcg	ctgagcacca	tgggtgcccct	gcctcgcagc	1140
gcctactggc	agcacatcac	acggcagcac	agcacgggac	agctctaccg	cttgcaagat	1200
gtttccagcc	ctctgaagct	tcacgaaca	gagacttttc	cagcctacag	atctgagcac	1260
tgacagtaac	tgccaagaat	tgttaacaca	cttgtgatgt	gtcagccaca	gattcaccca	1320
ggaggtcaca	gaatgacagc	aagggaatg	acgaccaaga	gaagaagctt	aaagtccctg	1380
ctaatttgtgt	ggtcatttga	aaactctgca	atacaataat	tttctttatt	ttcttttct	1440
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tttacagctg	gacagaaaga	agtcaatgtc	acgaaatgat	tttctattgt	agatactttg	1560
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ttcagttgta	tgacagtcag	tattgacaat	aaaatggctt	ttaattattt	gttattttgt	1680
tacaccctat	tcctcagtta	ttattactgt	ggttctgatt	aactactgga	aattatatatt	1740
gattatatca	ccaattagtt	aaatcagggc	ttcgactcac	tcttatctgt	tctgttcaaa	1800
actattttgt	caaagaaccc	gttagttgtt	tacagagtta	cagtttctct	cacatgcttt	1860
cctcaccccc	ttaccccgct	ttttgaaagc	ctttattttg	ttcggagtct	cttcataaaa	1920

catttgaaaa taaaagatca ttcttcaccc at

1952

<210> 7030  
<211> 1216  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (119)...(846)  
<223> similar to gi4680697 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7030

ccgggctgcc	ctcagcgctg	cctgattgca	tttgcgccct	cgctgccgca	tcccaggcta	60
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gtctggctgt	gatgctcggg	agggagactg	ttgttcccgg	agatgcggcg	cgcaggacaa	180
ggagcatcca	agatacctga	tcccagaact	ttgcaaacag	ttttaccatt	taggctgggt	240
cactgggact	ggaggaggaa	ttagcttgaa	gcatggcgat	gaaatctaca	ttgctccttc	300
aggagtgcaa	aaggaacgaa	ttcagcctga	agacatgttt	gtttgtgata	taaatgaaaa	360
ggacataagt	ggaccttcgc	catcgaagaa	gctaaaaaaaa	agccagtgtg	ctcctctttt	420
catgaatgct	tacacaatga	gaggagcagg	tgcagtgatt	catacccact	ctaaagctgc	480
tgtgatggcc	acacttctct	ttccaggacg	ggagtttaaa	attacacatc	aagagatgat	540
aaaaggaata	aagaaatgta	cttccggagg	gtattataga	tatgatgata	tgtagtggt	600
accattatt	gagaatacac	ctgaggagaa	agacctcaaa	gatagaatgg	ctcatgcaat	660
gaatgaatac	ccagactcct	gtgcagtact	ggtcagacgt	catggagtat	atgtgtgggg	720
ggaaacatgg	gagaaggcca	aaaccatgtg	tgagtgttat	gactatttat	ttgatattgc	780
cgtatcaatg	aagaaagtag	gacttgatcc	ttcacagctc	ccagttggag	aaaatggaat	840
tgtctaagcc	aaaagaaagt	ctaattatat	acagagataa	agctaaacgt	aattattatt	900
taaatgaaag	ctatTTTTTT	aaatgaattg	aaatTTTTTc	tgatgctact	aatttgccac	960
taaatactgc	aaatggtcac	cctgaatctc	ttctgacatt	ggatgttatt	tgcttatatt	1020
cttataattt	taaatgaggg	cacagtgaaa	tgaaaatttt	atactctatg	tttctgttta	1080
tttttaaatac	cttaacagca	aaatattttg	ctttaatttc	ttttttatat	atactctcag	1140
agaattcctc	ttaattttta	aagatgctgg	tgataataaa	attcattaga	aaatttcctc	1200
attgtgaaaa	aaaaaa					1216

<210> 7031  
<211> 2752  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (195)...(2098)  
<223> similar to gi5353573 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters





<211> 1493  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1392)...(160)  
 <223> similar to gi5410292 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7032  
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 cctttttacc accaccccat ccagcctgtt gtgagttggg tgagggctgc ccccagcttc 120  
 cgtcctgcgg ctctgggtgc catcctgttc ctttgagctc agtcagcctc ctgggctcgt 180  
 ctctctgtga atctccttct tgcgtattca tatagtgtt gcttgcgctc ctgcaggctc 240  
 tctgcccggg ccaggaaga cttggcaaat gttagggctg ttggctgagg ggtcaccggg 300  
 ccagagctgg gaaacttgga ggcagaggct gtgggtaggg actgagttcc cttggtgatg 360  
 tcttcaggca tgaaagctac ggccccctca agcagattag tgatagtcaa gtctacacag 420  
 ccagtcttgg ccaggtctct ctggatgaca cccaatggca catggggcaa aacttccttg 480  
 actctctgag ccagagttgc cagttgcaca tcaggagaag gaccagggga gggagggaaa 540  
 gaagactggg ctgactgggg gcgcaatctg ggggtgtctt gtgcgttcat gtgctctgct 600  
 ttgtcagctg gagtgcgagc tgtccctgtc tggcccaatt ccttggccac cagctgttgt 660  
 acacggagtg caaactcctc attcgttcc cctagttggc gatgaacagg acgaagccac 720  
 cttacttgat acaccgtgaa agggacgaaa agtgaccaca gcagttctga gaccaggag 780  
 gcatctgaca ccgtcacaga gaccaggggt ctctgaactt gcagggtgtaagg aggttgtagc 840  
 acatcttgga tagaaaatgg ccaggaactg aagcgcagga gcccctccc gccattggtg 900  
 gcctcttcc caggggaatag cagcagagga gtggggggaa gcctcgtgga agcacagaat 960  
 ctcttgagtg actccaccaa ctccccccgc ccattcatct ccattgaagcc ccgagaccag 1020  
 cacacaaagc tgggggggact attgagtaga ggggtgtctac aggtggtaag caaattgact 1080  
 atgttggtgt cgaaagggtg cacatgggtt gaaatgagga ccctgacact gtgatcccg 1140  
 agtccggagt cctcctgccc ggccacgagc cctagcaccg cacacatggt ccgcactacg 1200  
 aatctgcgaa ggacgtgtc tggcagcgcg cagctgacca ggaagacgtg gatcccagaga 1260  
 aagaggcgca ggacgaggag gcagaacccg actggcgcgt agagcagcag cacgagcagt 1320  
 aggaagcagt cccccggaag ccggtgcgag tcaaagagcc gctccggccc cggccctgag 1380  
 ggaagctcca taactgtctc ttcaggagcg cccggccgct gccgcccgcg ccattttcgc 1440  
 gcccggccgc aggggctctt cggggggggg gggggattaa ttttaattaag gat 1493

<210> 7033  
 <211> 4923  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (681)...(3354)  
 <223> similar to gi4115769 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7033

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atggacccat	tcattctaagt	aaatatgcct	gtactatttt	aaaaagcttt	gtatttctgc	120
atagaaaagt	tcattccccc	agaatgaaaa	tgaggacatt	tgagaagggtg	atttaagggtg	180
tggaacatttg	agaagggtgtc	ctatcaaatt	agtaaaccac	aggaaaagta	ctgaatagat	240
taatccaaaa	cacttacttt	tttttaaacg	aagaggattt	caccttgaca	gaaaaacaac	300
ttttattcaa	tatgtatttc	ctgaaattaa	agagacaagt	acagactgaa	aggaaaatag	360
attcgtaaat	aagctacgtc	aactctatcc	tgctgaggat	agctcagtga	tgtaaatacc	420
tttacaaatc	cctggttggtc	ttcctacaga	caagactgct	ttttgatggg	actgatatta	480
agagaaaatag	gacctttggg	gcattcaact	ccttgataaa	acttaaaagt	atcggcatga	540
gtggcttaac	agaggaaata	agaaggtttt	caactaaatc	caaaagtgcg	gtcattttct	600
ttactgctgt	tattttaaaa	acctcttcat	aaccattgaa	aaagaatcga	caactatttt	660
aaaagattaa	agaaaggcag	atgtctgcaa	ataattcccc	tccatcagcc	cagaagtctg	720
tattaccac	agctattcct	gctgtgcttc	cagctgcttc	tccgtgttca	agtcctaaga	780
cgggactctc	tgcccgactc	tctaattgaa	gcttcagtgc	accatcactc	accaactcca	840
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ccattgaagc	ccaggaaactg	tcttttctctg	ctgtcaagga	tcttgtgtgc	tccatagttt	960
atcaaaagtt	tccagagtgt	ggattctttg	gcattgtatga	caaaattctt	ctctttccgc	1020
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gagacctagt	ggaagtgggt	ctttcagctt	tagccacagt	agaagacttc	cagattcgtc	1140
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tgctgtgggg	attggtacgt	caaggactga	aatgtgaagg	ctgtggatta	aattaccata	1260
aacgatgtgc	cttcaagatt	ccaaataact	gtagtggagt	aagaaagaga	cgtctgtcaa	1320
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cccttcccag	tgaagagtca	catgtccacc	aggaaccaag	taagagaatt	ccttcttgga	1440
gtggtcgccc	aatctggatg	gaaaagatgg	taatgtgcag	agtgaaagtt	ccacacacat	1500
ttgctgttca	ctcttacacc	cgtcccacga	tatgtcagta	ctgcaagcgg	ttactgaaag	1560
gcctctttcg	ccaaggaatg	cagtgtaaag	attgcaaatt	caactgccat	aaacgctgtg	1620
catcaaaagt	accaagagac	tgctttggag	aggttacttt	caatggagaa	ccttccagtc	1680
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caagcaataa	tattccgcta	atgagggttg	tacaatccat	caagcacaca	aagaggaaga	1920
gcagcacaat	ggtgaaggaa	gggtggatgg	tccattacac	cagcagggat	aacctgagaa	1980
agaggcatta	ttggagactt	gcacagaaat	gtctaactt	atttcagaat	gaatctggat	2040
caaagtatta	taaggaaatt	ccactttcag	aaattctccg	catactttca	ccacgagatt	2100
tcacaaacat	ttcacaaggc	agcaatccac	actgttttga	aatcattact	gatactatgg	2160
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ttactcctca	agcaagtgtt	tgactttctc	cagggcaagg	gaaagatcac	aaagatttgt	2340
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accagatctt	tgcatatgag	gtgcttgggt	caggccagtt	tggtatcggt	tatggaggaa	2460
aacatagaaa	gactgggagg	gatgtggcta	ttaaagtaat	tgataagatg	agattcccca	2520
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cacaaatcc	atggagagaa	atcttctggtg	aagcaattga	tctgataaac	aatctgcttc	3120
aagtgaagat	gagaaaaagc	tacagtgttg	acaaattctc	tagtcatccc	tggtcacagg	3180
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cacatgaaag	tgatgatgct	cgctgggaaa	tacatgcata	cacacataac	cttgtatacc	3300

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cagtactgga	ttccagcatt	cagcagggtc	agatctcggc	tttacacaat	ttatctttac	4260
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gaaagaagta	cttcttttta	catttcagct	ccagcagcca	gctattttaa	aaatatTTTT	4560
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aactaaaaac	taggaaagtg	ttaactatcg	ttgccaccg	aatttgaggt	agcaaaaaaa	4920
aaa						4923

<210> 7034

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (207)...(295)

<223> similar to gil80871 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7034

cggaattag	aaaagattgt	ttaacaataa	tctggaaatg	gccttgaatt	atTTTTcct	60
cattatTTTT	ctcgattaac	attctacaga	atggtaagga	atcgagacat	tgctaaaaat	120
cttaaatgac	tgaaggatc	atagcatctt	ctgtaaaaaa	gaaaaaaact	tcatattaat	180
ttcgattcaa	aattttggtc	ataaaaacaaa	aagttgctct	tgctttatac	tttcagggtg	240
aacctggtct	cagaggtgaa	attggtaacc	ctggcataga	tggtgctcgt	gtgagtataa	300
ttttgttagt	atgtttcttc	gtacttggat	ttttttttag			340

<210> 7035  
 <211> 2054  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (459)...(911)  
 <223> similar to gi3874364 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7035

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gcactcccc	tgaggtgcc	gccggaacca	atgtgccctg	gtccactggg	ccgtgagcag	120
ccaccgactg	ggggcaactt	ggcacttaga	accgcagcag	ggacgtcggg	ttgctatcgg	180
gactcggcga	ggacgatgga	aatcctgtat	gaatgtggaa	gccattagca	gagtaattgc	240
tgtctgttac	catgacaacc	agccgctgca	gtcacctgcc	cgaagtccctg	ccagactgca	300
ccagctcagc	tgcacccgtg	gtgaagacgg	tggaggattg	tggcagccta	gtgaatgggc	360
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gcagcagcca	agaggacttg	ctctctccat	gtgaatgtac	agggaccttg	gggacaattc	540
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gccccagca	tgagaagcgg	actctgtttg	gcgacatggg	gtgcttcttg	tttataactc	720
ccctggccac	catctcgggc	tggctgtgcc	tgcggggcgc	cgtggaccac	ctgcacttta	780
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ccttgctggg	cctccattcg	gtcaagagga	actcaaagga	gacagtgtgt	tgatgtttgt	1020
atggttgggt	ggttgtttga	ttcattgttt	ggggttttga	agtgtctgca	ctggggtcat	1080
gcactgagcg	acccccaaagc	ccttccttaa	gcctgtgggt	ctaagaacat	ccagagcata	1140
ttagcacatc	actccaagca	acaacctccg	ccagaagaaa	gcaaagtctg	ttttacttca	1200
aatgatggat	gctgcaatca	tatgatattt	gctaagctgc	caaacatgtt	tatttagcag	1260
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cagatgcaga	acaagtcata	tttgaagaat	gttttgtact	aaacttcatt	taattattca	1620
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taattcggga	ttagtaatga	attggaggat	cattagacat	ttctaggaac	cctagacctg	1980
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tggcaaaaaa	aaaa					2054

<210> 7036  
 <211> 1815  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (204)...(603)  
 <223> similar to gil64058 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7036

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ccaccagact	gagagaggac	tcccagctgc	cctcagagcg	gaggccgagt	gctgcacagc	180
cacagctgct	ctgaagccct	tccatgaatc	cccgaagaa	ggtggacctg	aaactcatta	240
tcgtcggagc	cattggtgtg	ggaaagacct	ccctccttca	ccaatatgtg	cacaagacgt	300
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gtgacacaac	tttgaagtta	cagatctggg	acacgggcgg	tcaggagcgg	gtccgctcca	420
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cataaatctc	tgagtctcaa	tttgtttatc	tgtcctgtgg	gggtgagatg	tgccttgccc	1380
cctgtatcac	agtgtggttt	tgaggaccag	aagctgtgct	taaatccagt	agctgttgct	1440
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attgaagtcc	agtgacaaac	aaaacacagg	gactctgccc	tcctggagcc	gacatctggt	1560
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<210> 7037  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (320)...(210)  
 <223> similar to gi1072242 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7037  
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 tttcagtcct ttccataatt ttgtgactgg atgactgaaa gaatgctttt aaacatttat 180  
 taatccatcc gtccatgcat ctatgcatcc atgcatgcat gcatgcatcc atccatccat 240  
 ccatccatcc atccatccat ccatccatcc atccatccat ccaacattca ttgctgctac 300  
 cgcatgggga ttctcaatct tataaaaaag agcaactctc cctttcccta atg 353

<210> 7038  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (381)...(152)  
 <223> similar to gi5042294 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7038  
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 gtgccagccg agggaccaga gtgggagctg gggacggagc acagaccacc gcccacaagg 120  
 gtctctcctg tgactttctgg cttcccagagg gcagaggctg ggatgggcat gtggcggtg 180  
 gcacccagga ggctccgcca ggtccacgcc aagccagcct ggctcagctc tggcttctctg 240  
 ctacacagct ggatgcctgt ccccaggcct cctgacaggg ctctgcagca ttggagaggc 300  
 ttgtggtggg gccctcgtctg tagaacaggc actgccagtg ctactgact cctcattgca 360  
 gccagggcag gggcgctccc accacctcgg tttagtcag gaagctgggg ggtgctggga 420  
 tctgccagca gctctgtgtg ctccccaggt gggctgcccg gggccctggc tctctggctt 480  
 ctacaccagt gccctgcca agcctcagcg cccaaggtct ttgcaagccc tgttctctgca 540  
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 ctgcacctgc acattgacct cttctctcac tctctctcat ccttcagtag ccacaaagct 660  
 ggcagcaggg tactcgcaga tttgtgagga gagccgagcc cttgctgact gtctctccgt 720  
 gcacggcaga gtg 733

<210> 7039  
 <211> 5276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4442)...(3348)  
 <223> similar to gi4589630 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7039

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atcagagaca	aatatacaat	gaacattcag	atatcacaga	ctgcacacta	gatagtaatt	180
cttcaggtct	tttacataac	caccaagaaa	cagatattgg	tttctgcaat	atagtataaa	240
agtccacaat	caatccagtc	ttagccagta	tcttcaattt	acttctgttg	ctgtacaaat	300
aattggccat	tactagggct	tacaagttaa	taacaggaca	aaaaatatac	attgcactga	360
cacaaaaagt	cagctgtgtt	aagagtcag	caacaagtaa	ccaaacttgc	tgaaattaaa	420
aatactttct	aaaaacagtt	ttaacggcat	aaatatttta	tacacagttc	atttaccaaa	480
acaaaatgta	tttaaatgat	acaaagcaaa	aataagtttc	taccaacttt	atacataaga	540
aagtgcacaaa	taacttatct	agagtgtttt	gctattatcc	agacggatgg	ctgctatggg	600
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aggagcccta	tgagggtactc	tcagaaaaag	aatgcagacc	atactaagggt	agatgtacat	780
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atccacttga	ccctcataaa	aaagatgatg	gaagacattt	acagcttcta	ctgcagcagg	5160
gccttgctgt	ttataaccga	agattaagtc	aatccactca	tgtagatggg	cactcacgta	5220
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<210> 7040

<211> 2553

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (39) ... (1491)

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<223> similar to gi484509 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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<220>  
 <221> misc\_feature  
 <222> (317)...(773)  
 <223> similar to gil754633 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7041

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tatcgagcca	aacggtgaat	ccggctctct	attagaatca	gacggaattt	agcatcctta	180
tcctttctgt	tcctctcaag	atgctttcga	acagcaactg	ctttcttaat	taaatggtag	240
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ccctcccaat	tggaaatatg	aatcatctac	agcctctgcc	ctggtcgcat	aaatttgtct	780
gtgtactcaa	gcaataaaaat	gattgtttaa	ctaaaaaaaa	aa		822

<210> 7042  
 <211> 1789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (56)...(1206)  
 <223> similar to gi408944 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7042

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tcctaattgt	cagttccggt	caaaaacagc	acgtctttaa	acttttactg	ccaaccagat	180
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gaaaaaagaa	gcaattattc	ggataaatgt	gggaggaaaa	ctcttaacca	atcatctaaa	600
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aaaagaagaa	ctgaatgcct	TTTaaagttt	aaattcttca	tagcctgaaa	gccacaaact	1560
TTaacggctc	tacctggac	acgtttctcc	TTagaaggct	agttcttgtg	tgactgtgac	1620
TaaactatTT	tctatTTTaa	aactgtcatt	ctctattata	tacattccta	aagtctggaa	1680
acgactgtat	tcttatcatg	tgtatcaatg	TTatattttg	tacctagagt	acattTaaaa	1740
gggtggagca	ctaagctaAT	aaagTTTTTT	tggccctcaa	aaaaaaaa		1789

<210> 7043  
 <211> 1653  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (159)...(993)  
 <223> similar to gil62941 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7043						
cccacgcgtg	cgcccacgcg	tccgcccacg	cgtccggctg	gcttgtcagg	tggtggagga	60
aaaggcgctc	cgtcatgggg	atccagacga	gccccgtcct	gctggcctcc	ctgggggttg	120
ggctggtcac	tctgctcggc	ctggctgtgg	gctcctactt	ggttcggagg	tccgcgcggc	180
ctcaggtcac	tctcctggac	cccaatgaaa	agtacctgct	acgactgcta	gacaagacga	240
ctgtgagcca	caacaccaag	aggttccgct	ttgcctgcc	caccgcccac	cacactctgg	300
ggctgcctgt	gggcaaacaT	atctacctct	ccaccggaat	tgatggcagc	ctggtcatca	360
ggccatacac	tccgtgcacc	agtgatgagg	atcaaggcta	tgtggatctt	gtcatcaagg	420
tctacctgaa	gggtgtgcac	cccaaatttc	ctgagggagg	gaagatgtct	cagtacctgg	480
atagcctgaa	ggttggggat	gtggtggagt	ttcgggggcc	aagcgggttg	ctcacttaca	540
ctgaaaaagg	gcattTTtaac	attcagccca	acaagaaatc	tccaccagaa	ccccgagtgg	600
cgaagaaact	gggaatgatt	gccggcgggg	caggaatcac	cccaatgcta	cagctgatcc	660
gggccatcct	gaaagtccct	gaagatccaa	cccagtgtct	tctgctTTTT	gccaaccaga	720
cagaaaagga	tatcatcttg	cgggaggact	tagaggaaact	gcaggcccg	tatcccaatc	780
gctTTtaagct	ctggttcaact	ctggatcatc	ccccaaaaga	ttgggcctac	agcaagggct	840
ttgtgactgc	cgacatgatc	cgggaacacc	tgcctcgctc	aggggatgat	gtgctggtac	900
tgctttgtgg	gccaccccc	atggtgcagc	tggcctgcca	tcccaacttg	gacaaactgg	960
gctactcaca	aaagatgcga	ttcacctact	gagcatcctc	cagcttccct	ggtgctgttc	1020
gctgcagttg	ttcccatca	gtactcaagc	actataagcc	ttagattcct	ttcctcagag	1080
tttcaggttt	tttcagttac	atctagagct	gaaatctgga	tagtacctgc	aggaacaata	1140







aattggttca	taataggtcc	cagcgactcc	agtttgatgt	ctcttcccc	aatggcatct	2100
tactcttccg	agaaaccagc	aagatgataa	caatgtatgg	caatcgcac	ctgacactag	2160
gagaggtccc	aaaggatcag	gtctatgctc	tgaagctcaa	gggcatctcc	atctgcttct	2220
ccatgctgaa	ggctgctctc	agtgggagtt	acgtcaattt	cggagtcctt	cgtctctatg	2280
gagacgatgc	cctggacaat	gctctgcaga	ccttcaccaa	gctgctcctc	tctattcctc	2340
acagtgatct	cttggtattac	cccaagctca	gccagtctta	ttattcacta	ctggaagtcc	2400
tgaccaggga	ccatatgaac	tttattgcaa	gcctggaacc	tcacgtcac	atgtatatct	2460
tctcttccat	ttctgaagga	cttactgcac	ttgacaccat	ggtatgcaca	ggctgctgct	2520
cctgcctgga	ccacattgtg	acatacctct	tcaagcagct	gtcacgtagc	accaagaaga	2580
ggaccacacc	cctgaaccag	gagagcgacc	gctttctgca	catcatgcag	cagcatccag	2640
agatgatcca	gcagatgctg	tccacggtgc	tgaacatcat	catctttgaa	gactgtagga	2700
accagtggtc	tatgtcccga	ccactacttg	gcttgatatt	gcttaatgaa	aagtattttt	2760
ctgacctaag	aaacagtatt	gtgaacagcc	agccaccgga	gaagcagcag	gcatatgcac	2820
tgtgttttga	gaacctgatg	gaaggcatcg	agcgaaatct	tcttacgaaa	aacagagaca	2880
ggttcaccca	gaacctgtca	gcattccgtc	gagaagtcaa	cgactcaatg	aagaattcca	2940
cttatggcgt	gaatagcaat	gacatgatga	gctgacacct	ccttggtact	tacctgtaca	3000
gagcagcgtc	cctttggttt	ggcccagagg	ggcgaaaca	tgcaaggagg	agggcctggc	3060
tgatcctggc	tcttttctcc	aggggtgtgg	ggaaaatggc	aaagggtcaac	tagctgcttc	3120
cccagggaat	aggggtgtga	gtacactcac	tagggggcag	ggcgctgctg	gttcctgggg	3180
gactgggtgg	gaagggtggt	gggaggagat	aagagataca	aactgagact	ccagcctctc	3240
ctcctggggc	ccaccccaag	tggggagaa	ccctagtgtc	ctgcccaacc	tgcttgttat	3300
aaacatgtac	attttttcat	aacattttga	acaaggttta	tattgactca	agtttaaaaa	3360
caaaaagtgt	gactgaaaaa	tttttacaga	gtctagtgtca	ccaatgctga	tgtgaggggt	3420
tgtgtatcgc	agtgaagaaa	atgtgtattc	tggtggcctg	aagctttact	ggacaaggat	3480
gtgtgagagt	gcagagatat	attttagtgac	acagttagga	ggcaaaaaaa	aagctaaaaa	3540
tccaaatgta	tattttttcg	tattgccttg	tcctcacaga	gaaatgatca	attcctgtta	3600
ctgtattaac	ccttgttatt	aggaactcta	agccatgcc	gaacaccgtc	cctccccttg	3660
gaccgtatag	attctgcctt	gggtccctag	ccccttgtag	tgataataaa	ctccagctaa	3720
aagtgtttgg	gtgttcttat	ctccaccctc	tttccctact	tgcttaccct	catcctcaga	3780
cagatgcctc	ttgcttttaa	aagtltggatt	taacgcagtg	ttgtagggtt	ccttggtctgt	3840
gtgaaggcag	agaccagaga	gaagggaagt	agccactgc	tctcctggga	gcaatgtggg	3900
tgagtccacc	agaggccctg	ctgtgtgtgg	ccaataaatt	ttagtcttcc	ccagccctcg	3960
aggcagtgtg	tgtggatgta	tgcgtgtgga	tatttatata	tgtaccctgc	actcatgaat	4020
gtatgaactg	gaggaagtta	ctacagtgtg	agggttctta	ataacaagggt	ctaccctagca	4080
tgaagtattt	aacattctcc	catcccttaa	aaaatatata	tttttataaa	atgaaaacca	4140
taataaatgt	tttgaatatt	aaaaaaaaata	ataacctaca	gaggaaaatt	aatggagaca	4200
gctatttggc	ttgtactttt	tccacaattg	ttgctgctag	ttgtacacat	ctctagtcca	4260
gctcttggcc	acgggacact	catcaaatag	gttttatttt	tatttctttc	ctctaccccc	4320
agaaacaagc	ctgttaattt	tttttccttc	tctctggcg	actgtgtgat	gaatcctttc	4380
ttgcgtgatc	aggttgcgga	tagacttgta	aggggttttg	ctgcatacag	tgtgaagcatt	4440
gtgaccgcca	ataaacttca	atggtttcta	ctgaaaaaaa	aaa		4483

```
<210> 7047
<211> 1682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(1030)
<223> similar to gi4680691 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```



<400>	7047					
ggccccgtcc	aacatcagaa	tggtaacagc	tttcaggagc	ctaccagccg	gcagctccgg	60
agctgcccg	gccatgtccg	cgcacaatcg	gggcaccgag	ctcgacctta	gctggatctc	120
caaaatacaa	gtgaatcacc	cggcagttct	gaggcgtg	gaacaaatcc	aggctcgcag	180
aaccgtgaaa	aaggagtggc	aggctgcttg	gctcctgaaa	gctgttacct	ttatagatct	240
tactacactt	tcaggtgatg	atacatcttc	caacattcaa	aggctctgtt	ataaagccaa	300
atacccaatc	cgggaagatc	tcttaaaagc	tttaaataatg	catgataaag	gcattactac	360
agccgccgtt	tgtgtttatc	ccgcccggt	gtgtgatgct	gtaaaagcac	tcaaggctgc	420
aggctgtaat	atccctgtgg	catcagtggc	cgtctggattt	ccagctggac	agactcattt	480
gaagacacga	ttagaagaga	tcagattggc	tgtggaagat	ggagctacag	aaatcgacgt	540
ggtaattaac	agaagcttg	tgctgacagg	ccagtgggaa	gccctgtatg	atgagattcg	600
tcagtttcgc	aaggcctgtg	gggaggctca	tcttaaaact	atattagcga	caggagaact	660
tggaactctt	actaatgtct	ataaagccag	tatgatagca	atgatggcag	gatcagattt	720
tattaagacc	tctactggaa	agaaacacgt	aaatgccacc	ttcccggtag	ctatagtaat	780
gctgcgggcc	attagagatt	tcttctggaa	aactggaaac	aagatagggt	ttaaaccagc	840
aggaggcatc	cgcagtgcaa	aggattccct	tgcttggctc	tctcttgtaa	aggaggagct	900
tggagatgag	tggctgaagc	cagaactctt	tcgaataggt	gccagtactc	tgctctcgga	960
cattgagagg	cagatttacc	atcatgtgac	tggaagatat	gcagcttata	atgatcttcc	1020
aatgtcttaa	atcagtcacc	agttccagaa	aagttcttta	cgacaatgtt	taaaaattat	1080
ttttctacgt	aattgctaaa	attatttaat	taaaaaattg	ggcagtaggt	aactggcatt	1140
cctctcttta	aaatttctac	cgaacttaat	ggaatggaaa	aagcaaactc	atccacatgt	1200
ggtactcatt	tcaggcacat	ctgaaatgat	cttaattact	agaagatctg	cactattaac	1260
tttgtgaaga	gtttctccta	aaaactttta	gtaaaatgtt	aatggtagct	ttgataacat	1320
caaattctaa	gggagaaaaa	aacaatatta	aaccgcccc	agcagtgtgc	cctagcagag	1380
ggaaaatgca	acatctcgca	agcgtctgtg	taacggactt	cagggagtca	ctgattcagg	1440
cactaattc	cctgtctgtg	aaaactcatc	ttttcatttt	tggcccgtgg	gatagggcgc	1500
ttttattaat	tgttggctcc	taatgaaatt	tctggacatt	gtcatataca	acgatgaata	1560
tcattaaaa	ttttaaaaata	ataaagttcc	tatagtttat	ttttttaaaa	aaacttaaaa	1620
attgttacaa	tacataatga	aaaaataatc	cattaaacat	aaaaagaggt	ttgatcaaaa	1680
aa						1682

```
<210> 7048
<211> 1139
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (825)...(94)
<223> similar to gi233042 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7048						
tttttttttt	ttgtgtcttt	gtacaaaatt	ttattaaagg	tcttttagaga	gcaacatcca	60
gactccagaa	tacagctgcc	aaggagaccc	tgttatgctg	tggggactgg	ctggggcatg	120
gcaggcggct	ctggcttccc	acccttctgt	tctgagatgg	gggtggtggg	cagtatctca	180
tctttggggt	ccacaatgct	cacgtgggtc	ggcaggggct	tcttagggcc	aatcttacca	240

```

gttgggtccc agggcagcat gatcttcacc ttgatgccca gcacaccctg tctgagcaac 300
acgtggcgca cagcagtgtc aacgtagtag ttaacagggt ctccgctgtg gatcatcagg 360
ccatccacaa acttcatgga tttagccctc tgtcctcgga gtttcccaga caccacaacc 420
tcgcagcctt tggccccact ctccatgatg aaccgcagca caccatagca ggccctccgc 480
acagcaagcc ctccataggag tttgtaacgc agagactctg cctgggcaat ggcacacaga 540
cctctagtgg ccaccttttc agcataaagc tctacactgc cctctggaaa gccaaacctc 600
ttctgaacta cagcagtcat ttcccgaatc cgccggccct tctcaccaag aacattctgt 660
gttctggtgg ctaagataat gatttctgtc ctggttggtg taactcgac ctcaactcca 720
gagtagccat cttcagccag ctcccagagta agaaactcat tcagttcagc tttgaagatg 780
ccatcagcga caaacttcct cttcttgatg atttgactg ccatcttgcc aattgctcga 840
atcttggttc ttatgatttc tttccgggct gcagctgaac ctacatcaaa ctggtcttca 900
ccttcagtca ttagttcatc atcagagcaa atactcagaa catttaccac catttctgtc 960
actttttctc caacaaacgg taaagaccac gtgaagacat ccataaaatt aggcaaccag 1020
taaggatgtg gagaacagtt aacctgtcga atattcatca cattattttc atacaaaaat 1080
acagcagctt tattatgtag acatctaagt aagagcgctc gtgtcacgct aggcgagat 1139

```

```

<210> 7049
<211> 1637
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1385)...(957)
<223> similar to gi511450 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7049
ttcttaatta tcaactttca aaaaaccctg aaacttggat gatagatatt atggtacaat 60
atatttgcta ggggaaaaac tgtctatagt agcaccatct tcttcctttg aatgggaaaa 120
gtttgaccaa gaagcaacat aaagtattag cagcaaaata ctggtgaacc agctatcatc 180
cccaagactc ccactataaa catggttagca acagtgatac acactgcctt acagcaattt 240
ttggtgttaa aaatctagcc aattcagttt tttgatattt ggtttttaat agtcttggtc 300
aagtaagaaa ctagtgtgta gtttctgttc tgaaaagaca tggaagattc attagaggca 360
cacaattgct taatgtgaga ctactgaaa aacaaaagtc acattacccc ctagtcttaag 420
gcttcatttc ctaaaaagct gacgtgattt attttttagaa ccacctgtca agtcagtctt 480
ggaagggtgat tctgatttga agtattctaa ctgatgttag accttaaaaa ctcaagacca 540
tcttgagtat taactacctt taattaatca tattttatag aagctcaaaa caccxaaata 600
tttacccttt atatgaataa acaaaagccc tatgaattac aatatgcaga acactatata 660
aaagaattcc cataaaaaatt acattggaat atttttcatc agtggagcaa ctgctgtagc 720
ttcctctgaa tgggacagca tctgcctgaa tgcacgttct tctttgtgat aatctaaact 780
tagtgtaagt acaaatcaca gaagaaatta aagttttcat ctttaatgaa atgactttgg 840
aaataacgta cattcccatg acaccaatac tacagttttc ggagtcacag taagatacac 900
agaattacat ccgtaattaa tatgaatgcc aacatgtcaa gcagtaattt gttacatggc 960
aaacaaaatc aagaaagcaa ccatcaaaca aaagagaccc atagcttcag acaaggcaaa 1020
tcccaggata gcatatgaga acagctgctg cttcagcgaa gggtttctgg cataaccaat 1080
gataaggctg ccaaagactg ttccaatacc agcaccagaa ccagccactc ctactgttgc 1140
agcacctgca ccaataaatt tggcagcagt atcaatgtct ctgctgattg cactgggtctg 1200
aaactccctt tggattagct gagacacacc attctgggac ccattaaata ccgtagagcc 1260
ctctccagtc ctactagcct ctggtcgaga taacactgat gcagaaattg gtctgtatgc 1320

```

```

aactctggat ccagctcgga tcagagaggg ggtgcaggcg agcttggcgc aggcgaaacat 1380
cttacactct tcgggactgc gcggctggag atattgggtg acaggagacg tgggctcctc 1440
tcccgcttcc tctctgcgga ggaaaagagg cttaagggtca agtgccctcc aggggcctgt 1500
tcttcccacc caggctccgc aggctcccg gtacgccgtc agcttgggcc ccgtgcccag 1560
tgaggcgccg gcacaatgaa tgggtcccta ctgggcgccg ctccgccctg gccaggccgg 1620
gctccctgtg ccctcca 1637

```

```

<210> 7050
<211> 736
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (713)...(235)
<223> similar to gi37543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7050
tttttttttt ttaactgaaa gagttgacaa ttttattttc acatttccca atacaaagga 60
aaactgcatc ttttttgtcc cacttctccc ctccaaaact attctctttc ataggacagg 120
ggagcaagtc ttccttatgc tgttttagaaa actcagtatc acagcagcat gatctcctgg 180
tgaagcagaa caggtaatat aaaaccgata caataaggcc tcccctctat ccttatctgt 240
ctggctcgagt cattccgggc cgagtgggca ccatcatggg acgggcagga ggtctcatca 300
ttggggggccc aggcattcatt ggcatatggc ctcccatggg cggcctcatt ccaggagcag 360
gtcccactgg catcatccca ggaggaggag ggcccatcat tggcatcatg ggaggggccc 420
ccatatgggg tgctggcatc ataccagggc gaggaggacc cggaaggctg gggggagggtg 480
gtatcatcgc ccctgcagga ggaggagcag agaatggagt aggaggatc tttccttggt 540
gaaatgcagc cgttggtttt tcaatcaggc tctgagcctg ctcttccatc catttctgat 600
aatagtcttt cacattctct ttgtgtttcc ttccactgca gtgtgtcttt ctacacagatg 660
gagagtcatg ggtgaggtat gtatcgagc agtcacaata aaacttgggc atgttgctct 720
gcaggccggt ggccac 736

```

```

<210> 7051
<211> 1535
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1429)...(623)
<223> similar to gi5102582 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	7051					
tttttttttt	ttatgttttc	aggtttttta	atgactgaca	aaatatccct	aatcaacct	60
tttataaaaa	aaaaaaaaata	aatatgtttc	atctgaattc	acaaagacaa	acctgtctgc	120
aaatactaag	tacaaattat	tctggactgg	gacatggcaa	atctgattta	gtacaaattc	180
agttttttaa	aggaccctct	ttccaaatag	tgttcttatg	taacatttaa	tttttatgcc	240
tattattttca	atgacacacc	tagttttttgc	ttttctaagc	actgttccct	acatttttta	300
agcatatttt	atttcagagt	gcaacagaaa	ctagcttgtg	gcctattaag	ctactaggaa	360
gagcatcggt	tatgccactg	tatgccttct	taggccattt	atcattttct	tacacttgat	420
tgctcactgg	ctattcaaaa	ttggaatgtg	atacagcagt	tctgtctgaa	cgtgtaccaa	480
cctgaaactc	acatggctaa	acaattatgg	ctaaactatt	tttgttacca	attttaaata	540
ttgttaaaga	atttctcaa	gagtaaggtt	aatgagcaag	attaaaatgg	cagcagcaga	600
tccaattgcg	ttttcttttt	cataagccta	aaagcatcgc	ggtgtgtttc	agagctgtct	660
cctctacaaa	ttctgcatcc	acattgtcat	gtccttcaaa	aggatacagg	gcttgattgg	720
aggactctat	atctgtcaga	atttcaatga	agtagttcag	aggcagaaat	tctacactga	780
acgatgactt	gttaatcata	gaattccgag	gctgtttctt	atagttctga	agcagtcgcg	840
tcacgtgggt	ccgcgaaatg	atgttagaac	tcataggatg	atcccaaagt	ctacaaatct	900
tctgccaat	aagcggagga	agccgcacaa	tgatactgaa	tttcagtttt	tcattttttct	960
ctgtattatc	cagatctttc	atgagcctta	tgacagctgt	ttcagtgaga	agcaacactc	1020
cactgtcaat	gcaatgcagc	aggttatgca	aagggagaca	ctggaccccg	aggatggtgt	1080
gcagagtatg	aaaaccagga	ggcagaggta	aaaacaaact	gtttgtagct	tccagaatcc	1140
tggtcatgat	gtgaaaaact	gcaaattcag	cagcactgcc	acgactattg	aagtggagaa	1200
ccaggaatga	aagattatgt	ttcctccaat	tggtttctac	gatgtggcaa	atgagatcca	1260
gcagtttttg	aatgtagtc	agaaccatct	gttcaatttt	cttcttttct	acaccctgta	1320
ggtgtctcaa	aaaatggctc	tttagctcag	acaccattcag	ccccatgagc	agccgctggt	1380
ggctgtcttc	ctcctgcagg	aggggtgtta	atcttggccc	caaatttctt	gcttctaggt	1440
tagaaatcac	ctgttctgca	ttatcaagaa	tattcctcac	gtaagccgca	gaccttcttt	1500
ttcctgtttt	ctaggagtga	gcggacgcgt	gcgtc			1535

```
<210> 7052
<211> 1011
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (1)...(1012)  
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (210)...(717)
<223> similar to gi2282040 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7052						
gtgcaagaat	taaaaatacc	gagacagccc	taggtggaaa	acttcgggaa	ggcccaagcg		60
ttcgtaaggg	ctctctaccc	cgctcggagc	atagatggta	ccgtccggaa	gtccggggcg		120
agaccgtagc	tgcgcttctc	gcgaaaggcg	aggcatcgcg	gggtgggcca	cttcctgact		180
tcgcgtttcc	ggccccacca	gcgcccgcga	tgactgccac	tctccgcccc	tacctgaqtg		240



<210> 7054  
 <211> 3612  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (176)...(2654)  
 <223> similar to gi33834 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7054

ggcgaatgga	gcagggggcgc	gcagataatt	aaagattttac	acacagctgg	aagaaatcat	60
agagaagccg	ggcgtggttg	ctcatgccta	taatcccagc	acttttggag	gctgaggcgg	120
gcagatcact	tgagatcagg	agttcgagac	cagcctggtg	ccttggcatc	tcccaatggg	180
gtggctttgc	tctgggctcc	tgttccctgt	gagctgcctg	gtcctgctgc	aggtggcaag	240
ctctgggaac	atgaaggctt	tgcaggagcc	cacctgcgtc	tccgactaca	tgagcatctc	300
tacttgcgag	tggaagatga	atgggtccac	caattgcagc	accgagctcc	gcctgttgta	360
ccagctgggt	tttctgctct	ccgaagccca	cacgtgtgtc	cctgagaaca	acggaggcgc	420
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acccagggcc	ccaggaaacc	tgacagttca	caccaatgtc	tccgacactc	tgctgctgac	600
ctggagcaac	ccgtatcccc	ctgacaatta	cctgtataat	catctcacct	atgcagtcaa	660
catttgaggt	gaaaacgacc	cggcagattt	cagaatctat	aacgtgacct	acctagaacc	720
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gtgggatcag	attcccaacc	cagcccgcag	ccgcctcgtg	gctataataa	tccaggatgc	1020
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gaagaattgt	cttaccacag	tcttgccctg	ttttctggag	cacaacatga	aaagggatga	1140
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ggagcagggg	ggcaccaggg	ccagtgcggg	ggtgggcttg	ggtccccag	gagaggctgg	1980
ttacaaggcc	ttctcaagcc	tgttgccag	cagtgtgtgt	tccccagaga	aatgtggggt	2040
tggggctagc	agtgggggaag	aggggtataa	gcctttccaa	gacctcattc	ctggctgccc	2100
tggggaccct	gccccagctc	ctgtcccttt	gttcaccttt	ggactggaca	gggagccacc	2160
tcgcagtcgg	cagagctcac	atctcccaag	cagctcccca	gagcacctgg	gtctggagcc	2220
gggggaaaag	gtagaggaca	tgccaaagcc	cccacttccc	caggagcagg	ccacagaccc	2280
ccttgtggac	agcctgggca	gtggcattgt	ctactcagcc	cttacctgcc	acctgtgcgg	2340

```

ccacctgaaa cagtgtcatg gccaggagga tgggtggccag acccctgtca tggccagtcc 2400
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agacccctct ccaggggggg ttccactgga ggccagtctg tgtccggcct ccctggcacc 2520
ctcgggcatc tcagagaaga gtaaatcctc atcatccttc catcctgccc ctggcaatgc 2580
tcagagctca agccagaccc ccaaaatcgt gaactttgtc tccgtgggac ccacatacat 2640
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caaggggtgt tcagttaagg ggagcaacag aggacatgaa aaattgctgt gactaaagca 3300
gggacaattt gctgccaaac acccatgccc agctgtatgg ctgggggctc ctctgtatgca 3360
tggaaacccc agaataaata tgtcagcca ccctgtgggc cgggcaatcc agacagcagg 3420
cataaggcac cagttaccct gcatgttggc ccagacctca ggtgctaggg aaggcgggaa 3480
ccttggtgtg agtaatgctc gtctgtgtgt tttagtttca tcacctgtta tctgtgtttg 3540
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aaaaaaaaaa aa 3612

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<210> 7055

<211> 907

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (33)...(817)

<223> similar to gi3327976 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7055

```

gggcagaccc ggagggaacg gaggaagcgg tcatgtctcg ctacacgagg ccccccaaca 60
cctccctggt catcaggaac gtcgcgagcg ccaccaggcc tgaggacttg cgccgtgagt 120
ttggtcgata tggccctata gtagacgttt acattccact tgacttctac actcgccgcc 180
caagaggatt tgcttatggt caatttgaag atgttcgaga tgctgaagat gctctttata 240
acctcaatag aaagtgggta tgtggccgtc agattgaaat acagtttgca caaggtgatc 300
gcaaaacacc aggccaaatg aaatcaaaag aacgtcatcc ttgttctcca agtgatcaca 360
ggagatcaag agccccagc caaagaagaa ctggaagtag aagttcttca tggggaagaa 420
ataggaggcg gtcagacagc cttaaagagt ctcgacacag gcgattttct tatagccagt 480
ctaaatctcg ttccaaatca ttaccaaggc ggtctacctc agcaaggcag tcaagaactc 540
caagaaggaa ttttggctct agaggacggt caagggtcaa gtccttaca aagaggcca 600
agtcaatagg aaaatcacag tcaagttcac ctcaaaagca gactagctca ggaacaaaat 660
caagatcaca tgggaagacat tctgactcaa tagcaagatc cccgtgtaaa tctcccaaag 720
ggtataccaa ttttgaaact aaagtacaaa cagcaaagca ttctcatttt cggtcacatt 780
ccagatctcg aagttatcgt cataaaaaca gttggtgaac agcaacagaa agagccccac 840
cccgtcttta atataagtta ttaactctc attatgttaa ataaaaattc ttaaggcat 900

```

```

<210> 7056
<211> 1089
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (358)...(1033)
<223> similar to gi31100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7056
gcgtcttcgg tcattctccgg cgcttctagg gctgggtccc gtcattctcg ggagccgtgg      60
aggtacgaac ttaagacatg cctattttat taatttactt ccaaacgcaa cgaaaggtcc      120
atggacaatt tgtggggccat ttaattcagg gcccccaatt cgtagctgga gaagtgggaa      180
tgcaaaagta ctttgacctt taaccttcgg tccggcgcgg tggagggaaa cgcctccgtc      240
tctatataag gaattttccg gtctcttcgg gtcctttttc ctctcttcag cgtggggcgcg      300
ccacaatttg cgcgctctct ttctgctgct ccccgctctt cggatacagc cgacaccatg      360
ggtttcggag acctgaaaag ccctgccggc ctccaggtgc tcaacgatta cctggcggac      420
aagagctaca tcgaggggta tgtgccatca caagcagatg tggcagtatt tgaagccgtg      480
tccagcccac cgcctgccga cttgtgtcat gccctacgtt ggtataatca catcaagtct      540
tacgaaaagg aaaaggccag cctgccagga gtgaagaaag ctttgggcaa atatggtcct      600
gccgatgtgg aagacactac aggaagtggg gctacagata gtaaagatga tgatgacatt      660
gacctctttg gatctgatga tgaggaggaa agtgaagaag caaagaggct aagggaagaa      720
cgtcttgcac aatatgaatc aaagaaagcc aaaaaacctg cacttggtgc caagtcttcc      780
atcttactag atgtgaaacc ttgggatgat gagacagata tggcgaaatt agaggagtgc      840
gtcagaagca ttcaagcaga cggcttagtc tggggctcat ctaaaactagt tccagtggga      900
tacggaatta agaaacttca aatacagtgt gtagttgaag atgataaagt tggaacagat      960
atgctggagg agcagatcac tgcttttgag gactatgtgc agtccatgga tgtggctgct     1020
ttcaacaaga tctaaaatcc atcctggatc atggcattta aataaaagat tgaaagatta     1080
aaaaaaaaa                                     1089

```

```

<210> 7057
<211> 1575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (35)...(1064)
<223> similar to gi6003654 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<400>	7057					
ggagtccccc	gcgccccccg	cgttcgcgcc	ggccatggct	gcggtggcgc	tgatgccacc	60
gccgctgctg	ctgctgctgc	tgttggcgtc	gccgccgcc	gcctccgcgc	cgccgcccg	120
cgatcccttc	gccccccagc	tcggggacac	gcagaactgc	cagctgcggt	gccgcgaccg	180
cgacctcggc	ccgcagccct	cgcaggcggg	gctggagggc	gcctccgagt	ctccctatga	240
cagagccggt	ctgatcagcg	cttgcgagcg	tggctgccgc	ctcttctcca	tctgccgatt	300
tgtggccaga	agctccaagc	ccaatgccac	caaactgag	tgtgaagcag	cctgcgtgga	360
agcctatgtg	aaggaggcag	agcagcaggc	ctgtagccac	ggctgctgga	gccagcccgc	420
ggagcctgag	ccggagcaga	agagaaaagg	cctggaggct	ccaagtgggg	ccctctccct	480
cttggaactg	ttttccaccc	tctgcaatga	ccttgtaaac	tcagcccagg	gatttgtctc	540
ctccacctgg	acatactact	tgcagactga	caatgggaaa	gtggtggtgt	ttcagactca	600
gcccatagtg	gagagcctcg	gcttccaggg	gggccgtctg	cagcgcgtgg	aggtgacctg	660
gcgaggctcc	caccctgaag	ccttgagggt	gcacgtggac	cctgtaggcc	ccctggacaa	720
ggtgaggaag	gccaagatcc	gagtcaagac	cagcagcaag	gccaaggtgg	agcttgaaga	780
gccacaggac	aatgacttcc	tcagttgcat	gtcccgcgc	tcgggtctgc	ctcgctggat	840
cctggcctgc	tgcctcttcc	tctccgtgct	ggtgatgctg	tggctgagct	gctccaccct	900
ggtgaccgcg	cctggccagc	acctcaagtt	ccagcctctg	accttgagc	agcacaaggg	960
cttcatgatg	gagcccgatt	ggcccttgta	cccgcgcgcg	tcccacgcct	gtgaggacag	1020
cctaccaccc	tacaagctga	agctggacct	gaccaagctg	taggcctcca	ctggccccat	1080
cactgccaac	tgcagggggc	ccctcggggc	tcacttgccc	tgagcccagg	gagtccaagg	1140
gcaggggtgg	tccagccttg	agcccccctca	cccccaaate	cttcctctcc	tcccagaccc	1200
accctttgcc	ccacggagtc	ctgggggacgc	agtgccccag	ctgggaagag	ggcgggatcg	1260
ggcactggtt	cctccttgtc	cccgttttct	tgggggcttg	ctactttttg	tcttctattg	1320
tgtggctttc	tgagtatttg	aaccccagtc	ctgtgtcacc	ttcctttttc	cttctctgtc	1380
ccctctctgc	ggggggggcgc	tgaggctgag	ggggagctgc	gtcttgctag	ggcttcccc	1440
ttctcccat	cccgtctccc	agagacccag	cttctgagag	acaggggtgtg	ggcatctcca	1500
tgccctata	aagcgtgcct	ggggcttgtc	tggggctggg	gaggaataaa	ccatgtatat	1560
aaaagaaaaa	aaaaa					1575

```
<210> 7058
<211> 1957
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (410)...(1959)
<223> similar to gi2887453 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7058						
ctcggaaaaag	cttttcagta	aatgcactca	tgtctgctcca	ggagctcttc	tctgcaacaa		60
gccacccatc	tgccatcaac	aagttaagac	caagagaact	aacggctgcg	gaaatgagac		120
tgaagctttg	attaaccagc	tgagcagtta	gaggtggaga	aatttaataa	cttatattca		180
aaactgattt	agggatcaga	gcaatcacag	aaaatgaaac	caatgctttc	cagagggata		240
tcctaaggaa	aaaacaactc	gtcctgggtg	attcaatttt	acttggaag	cctgggacac		300
agaaaaacagg	aaactggtca	aaggctccta	catgttagag	ccttttacag	actcactgcg		360
ttgagtctaa	caaccgcgac	tgaatgcagc	ctccaatgtg	ctcagaagaa	tgqgcttaca		420

tttcaagtgg	ccattagggg	cccctatgct	ggcagcaata	tatgcaatga	gtatggtttt	480
aaaaatgctg	cctgccctgg	gtatggcggtg	tccacccaaa	tgccgctgcg	agaagctgct	540
cttctactgc	gactctcagg	gcttccactc	agtgccaaac	gccacagaca	agggtctct	600
gggcctgtcc	ctgaggcaca	atcacatcac	agagctcgaa	agagatcaat	ttgccagctt	660
cagtcaactt	acttggctcc	acttagatca	caatcaaatt	tcaacagtaa	aagaagatgc	720
ttttcaagga	ctatataaac	ttaaggaatt	aatcttaagt	tccaacaaaa	tattttactt	780
gccaaacaca	acttttacc	aactgattaa	cctgcaaaat	ttggacctgt	cttttaatca	840
gctgtcatct	ctgcacccag	agctcttcta	tggccttcgg	aagctgcaga	ccttgcattt	900
acgttccaac	tccctgcgga	ctatcccagt	acgcctgttc	tgggactgtc	gtagtctgga	960
gtttctggat	ttgagcacia	atcgtttgcg	aagtttgget	cgcaatggat	ttgcaggatt	1020
aattaaactg	agagagcttc	acctagagca	caaccagctg	acgaagatta	atttttgtca	1080
tttctacgg	ctaagcagtc	tgcacagcct	cttcttacia	tggaaacaaa	tcagcaactt	1140
gacatgtggg	atggagtggg	cctggggcac	tttagaaaag	ctagacctga	ctggaaatga	1200
aatcaaagcc	atcgacttga	cagtgtttga	aacgatgcc	aatcttaaaa	tactactcat	1260
ggataacaac	aagttaaaca	gccttgattc	caagatctta	aactccctga	gatccctcac	1320
aaccgttggt	ctctctggca	atctgtggga	atgcagcgcc	cgaatatgtg	ctctggcctc	1380
ctggctgggc	agtttccaag	gtcgggtggg	acactccatc	ctatgccaca	gtcctgacca	1440
cacccaagga	gaggatattc	tagatgcagt	ccatggattt	cagctctgct	ggaatttgct	1500
aaccactgtc	actgtcatgg	ctacaactta	tagagatcca	accactgaat	atacaaaaag	1560
aataagctca	tcaagttacc	atgtgggaga	caaagaaatc	ccaactactg	caggcatagc	1620
agttactacc	gaggaacact	ttcctgaacc	agacaatgcc	atcttccactc	agcgggtaat	1680
tacgggaaca	atggctttat	tgttttcttt	cttttttatt	attttttatag	tgttcatctc	1740
caggaagtgc	tgccttccca	ctttaagaag	aattaggcag	tgctcaatgg	ttcagaacca	1800
caggcagctc	cgatcccaaa	cacgactcca	tatgtcaaac	atgtcagacc	aaggaccgta	1860
taatgaatat	gaacccaccc	atgaaggacc	cttcatcatc	attaatgggt	atggacagtg	1920
caagtgtcag	cagctgccat	acaaagaatg	tgaagta			1957

```
<210> 7059
<211> 1900
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (130)...(1514)
<223> similar to gi32105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7059						
gaggcggggc	gcgggcgtgc	agcggcgcag	gctccgcccc	ggggccgtct	ccagccgggg		60
gcgccgagcc	gctccagtcc	ccggcgcgcc	gcgggctggt	gggctcagcg	gcggcgcgg		120
cactgggaaa	tgaccctgcc	cgggggccca	acgggcatgg	cgcgccggg	gggcgcgagg		180
ccctgcagcc	cggggctgga	gcgggccccg	cgccggagtg	tcggggagct	gcgcctgtct		240
ttcagggcgc	gctgtgcggc	ggtcgctgcg	gccgcgcgcg	cgggggagcc	ccgggccccg		300
ggggccaagc	ggcgtggggg	acaggctccc	aacgggcttc	cgcgggctcc	cccggccccg		360
gtgatccctc	agctgaccgt	gacagccgag	gagcccgaag	tgcccccgac	cagccctggg		420
ccgccggagc	gggagaggga	ctgcctcccg	gcagcgggct	cttcgcacct	gcagcagccg		480
cgcgcctctt	ccacctcgtc	ggtctcctcc	actggctcct	cgctcgctgt	cgaggactcg		540
gaggacgacc	tgctgagcga	cagtgcgagc	cggagccgcg	gcacagtgca	gctggaagcg		600
ggcgaggacg	tgggtcagaa	aaaccactgg	cagaagatcc	ggaccatggt	caatctgccg		660

[illegible]

<211> 2546

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (300)^{-} \dots (1913)$$

<223> similar to gi957217 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7060

5718

tgaccctgga	catgtgcact	ccgggctgca	acgaggaggg	ctttggctat	ctcatgtccc	1020
cacgtgagga	gtccgcccgc	gagtacctgc	tcagcgccctc	ccgtgtcctc	caagcagaag	1080
agcttcatga	aaaggccctg	gaccctttcc	tgctgcaggc	ggaattcttt	gaaatcccca	1140
tgaactttgt	ggatccgaaa	gagtacgaca	tccctgggct	ggtgcggaag	aaccggtaca	1200
aaaccatact	tcccaaccct	cacagcagag	tgtgtctgac	ctcaccagac	cctgacgacc	1260
ctctgagttc	ctacatcaat	gccaaactaca	tccggggcta	tgggtggggag	gagaagggtgt	1320
acatcgccac	tcagggaccc	atcgctcagca	cggtcgcccga	cttctggcgc	atgggtgtggc	1380
aggagcacac	gcccattcatt	gtcatgatca	ccaacatcga	ggagatgaac	gagaaatgca	1440
ccgagtattg	gccggaggag	caggtggcgt	acgacgggtgt	tgagatcact	gtgcagaaaag	1500
tcattcacac	ggaggattac	cggctgcgac	tcattctccct	caagagtggg	actgaggagc	1560
gaggcctgaa	gcattactgg	ttcacatcct	ggcccgaaca	gaagacccca	gaccgggccc	1620
ccccactcct	gcacctgggtg	cgggagggtgg	aggaggcagc	ccagcaggag	gggccccact	1680
gtgcccccat	catcgctccac	tgcagtgcag	ggattgggag	gaccggctgc	ttcattgcca	1740
ccagcatctg	ctgccagcag	ctgcggcagg	aggggtgtagt	ggacatcctg	aagaccacgt	1800
gccagctccg	tcaggacagg	ggcggcatga	tccagcactg	cgagcagtac	cagtgtgtgc	1860
accacgtcat	gagcctctac	gaaaagcagc	tgtcccacca	gtccccagaa	tgactgcgct	1920
tctcctacaa	gggtctctgg	gcactgccc	gcctgagttc	cggccctcac	ccagggccct	1980
gcctcgggtc	ctgggcctgc	tccccgcttc	ctcccccttc	gtcagctccc	tctgtcctct	2040
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atgtttccgt	gctacacttt	gtgtcctgct	gcaatgtgtt	ctgtctgtcc	atccatctct	2280
gccctctgta	ccggacactg	tgtctcctca	gccaggaagg	ggtaatgagc	tccagcccct	2340
aagcaaccgg	acttgccctgc	ctcggcctca	cccgcacttc	tcccaaaagg	cagatgacgg	2400
ggagttaggc	atggggagct	ccagaaggct	accagagagc	tttcagctga	gggagagttc	2460
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ggtgcccagc	ctgtgaggca	ctggca				2546

<210> 7061  
 <211> 2986  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (269)...(1419)  
 <223> similar to gi5566614 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7061						
attgaccgcc	tattagaccg	cctgcagaat	tcggacgagc	ttgaaccggg	gcattgctgc	60
tgtcaaggag	gatgcagtcg	agatgctggc	cagctacggg	ctggcggtact	ccctcatgaa	120
gttcttcacg	ggtcccatga	gtgacttcaa	aaatgtgggc	ctgggtgtttg	tgaacagcaa	180
gagagacagg	accaaagccg	tcctgtgtat	ggtgggtggca	ggggccatcg	ctgccgtctt	240
tcacacactg	atagcttata	gtgatttagg	atactacatt	atcaataaac	tgcacatgt	300
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ttttataaag	tccgtcattt	gcatttgaat	gtaaggctca	gtaaatgaca	gaactatttt	2940
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<210> 7062

<211> 2459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (64)...(462)

<223> similar to gi755088 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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a c g a t g a g c a	a c a a a t t c c t	g g g c a c c t g g	a a a c t t g t c t	c t a g t g a g a a	c t t t g a c g a t		120
t a c a t g a a a g	c t c t g g g t g t	g g g g t t a g c c	a c c a g a a a a c	t g g g a a a t t t	g g c c a a a c c c		180
a c t g t g a t c a	t c a g c a a g a a	a g g a g a t a t t	a t a a c t a t a c	g a a c t g a a a g	t a c c t t t t a a a		240
a a t a c a g a a a	t c t c c t t c a a	g c t a g g c c a g	g a a t t t g a a g	a a a c c a c a g c	t g a c a a t a g a		300
a a g a c c a a g a	g c a t c g t a a c	c c t g c a g a g a	g g a t c a c t g a	a t c a a g t g c a	g a g a t g g g a t		360
g g c a a a g a g a	c a a c c a t a a a	g a g a a a g c t a	g t g a a t g g g a	a a a t g g t a g c	g g a a t g t a a a		420
a t g a a g g g c g	t g g t g t g c a c	c a g a a t c t a t	g a g a a g g t c t	g a a a a a t c a t	t t c t t c a t t g		480
a a g t g g c t t t	t t a t c a t t t a	a t g a t g g a a a	t c a a t t g c t t	c c a t t g a c a a	a a c t g a a t a c		540
a c t g c a a a t a	t t t g t t t t t g	c t t t t g t c t t	a a t a t a t c a g	a t a t g c a a a g	g c c t a a a c t g		600
a g a a t t a a t c	t a a a a g t c a g	t g t t a t t t a a	a c a t t t t c a a	t g t g c a t g c a	t g t c a t t a t t		660
a c a t c a a a g c	a t a t a t a t t g	g c c a g a c a c a	a a c a g t t g a t	t g t g c a t t t c	a a t t a a c t a c		720
a a a a t t c t a a	t c t a t g t t g a	a c t t t g t a t a	c t t g a a a t g a	t a a t a a a a g	g a t a t a a t t t		780
c t t a g t a a a a	t g a a a t c a a a	g t a t t g a t c a	g g g t a g c a a a	c t c a a a t g c t	g a c a g g g g c c		840
a g a g g a g a t a	t g g g g a a g g a	g c a t c a g a a a	t g a g g c a a g c	t a g g a g a a t g	g g c t a t t a t a		900
a t g t a a a g a a	t t g t a g t c t c	a g t t a a a a g g	g g t a g c c t c t	a c t c c a g c c a	a c a t t t t t a a a		960
a t t a a t g g a t	a a t t t a t a g a	c a g t t a a a t t	t a t a g a c a g t	t a a g t a a a a a	t g g a t a a t t t		1020
a t a g a c a g a t	a a t t t a t a g a	c a g g t a a a t g	t g a g t t a a a t	a t a a c t c a c a	t c c c a c t c a a		1080
g a c a c a a a a c	a t t t t c t t a a	t c c t a g t a c a	t t t t t t t c t g	t c c c t t c c c a	a t c a g t g t c c		1140
t t t t c t g t t c	c a c c c c t a c c	a a a a g c a a g t	a g t g g t t t g g	t t t c t a t c a t	a t a g a t t a a t		1200
t t t a c c t g c t	c a t a t g a a g g	g a a t t g t a c a	t c a t g c a t t c	t t t t c t g t t t	g c c t t t t t t a		1260
a a t t c a g c a t	c a t g t t t t t g	t g a t a c a t c c	a c a t t g t t g c	a t g c a g c t g t	a g t t t g t t t c		1320
t t t t t a t t a c	c a a g t a c t a t	t t c a t t g t a t	g a a t a t a t c a	c a g t t t a t c c	a t t c t a c t a t		1380
t a a g a c a a t t	g a g c t a t t t t c	t a a t t t t c g g	c t g c t a t g a a	t a a a g c t g c t	a c a a a t a t t t		1440
t t g t a c a a g a	c t t t t t g t a a	a c a t a g g a g t	c c c t t a t t t t	t a a a t a a a t a	a c t a g t c a t a		1500
t c a t t a g g t c	c a g t a a t t g t	t g a c a g g c a g	g a a c g g g g g a	c a a t t g c a t t	g t g c c c a a g t		1560
a a t a a t a a a a	c t a t t t c a g a	t g t a t t a t a t	g a t t g a g c a a	a t g a g a a a a c	a t g t t g a t g t		1620
t g a t g g g a g t	c a g g a t g t t c	a c t a t g g a a a	a a c a a a t a t a	c a a a t a t g a a	a t g a g g g a a g		1680
g c a a g a a a g a	a c c a t g t g g a	a a t g g a a t a g	a a t t g g t a t a	a a t t c a t a a t	t t c t a a a c c a		1740
t g t a t a t g t a	c g t t t a t a t g	t a t t a t a a t t	g c a t a c a c a t	g c c t c c a t g c	a t a t a t g t g t		1800
g t g a t a a t a c	a c a t g c a t t t	a t g t g c g t g t	g t g t a t a c a c	a t g c a t a t a t	t t a c t a a t c c		1860
t a t c t g c c a a	a a t g g c t t a g	a c a c a a a a a c	a c c t c a g c a g	a a a t g a a t a t	a c c t a g c a c t		1920
c a g a t c t t c g	t g t c t a a t a t	a g t t t g c c a c	t a a a a g g a a c	c a a g g c t a c t	t g g a a a a a t g		1980
g a t g a t t c c a	a a g c a a g g g c	a a g g t a g g a a	c a a g a t g a g c	t t g a a a t a t c	t t g t t a t g c c		2040
a g a a a g t a a t	g t t a a a a a a a	a a a a a t a g a g	g t a t a t t g c c	a a a a c a t a a a	t c c a g c t t g a		2100
a g g g g c t c c c	a c t g g c c a a a	c t t g a g c c a a	t t t g a g a g c a	a a a t a a t t g a	g a a a a a t a a a		2160
t a a c a a g a t a	a t t g a g a a a a	a a a t a a a a t a	a a t t c c c a a t	t c c a t t g g a a	a a a a a t a g a a		2220
a t c c a t g a a t	c c a t a c t g a t	a t a a t g a t a a	a t a a t c g a t a	g a t a g g t a g a	t g a c t g a c a g		2280
a t g a t a g a t a	g a t a t a t a g a	t a g a t a g a t a	g a t a g a t a g a	t a g a t a g a t a	g a t a g a t a g a		2340
t a g a g a a a t g	a g a a g g t t t c	t c t t t t g c a a	t a g a a c g t c a	t g g a c c a g t g	t t		

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<210> 7063
<211> 3047
<212> DNA
<213> Homo sapiens
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<220>  
<221> misc_feature  
<222> (391)...(2682)
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<223> similar to gi899477 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7063

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3047

<210> 7064

<211> 2164

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (183)...(1156)

<223> similar to gi439614 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7064

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gctgagatcg	tgccactgca	ctccagcctg	ggtgacagag	caagactctg	tctcaaaaaa	2160



```

<210> 7065
<211> 2402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (890)...(2158)
<223> similar to gi3256001 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7065
```

```

cggcaaaaag acaacatact tagaaataaa gttaaataag gaggtaaaag actcgtacac   60
tgaaaaactat aaaacattgg tgaaagaaat taaagaaatg aataagtgaag agatggccca  120
tgttcatgga ttagaagaac taatattggt aaagtgtcca tactacccaa aatgatctac  180
aaattagatg caatccctat caaaaactcca atggcatatt tacagggtta gaaaaaacia  240
ttataaaaatt cacatgaacc cacaaaagag ctcaaatggc caaatcaatt gtgagaaaaa  300
aagaacaaag ctggaggcat cacagttctt aatttcaaaa tatattagaa agctatggca  360
atgagaacag tatgctactg gcataaaaat agacatgtgg accgatggat cagaagagag  420
accccagtag gaaatttgca catatacagt gatctgatct gcaacaaggg tgccaagaat  480
aaacagtgct acaagcagaa cgggcaacta cagctctttt gttaaacgaa agagagaaaa  540
tgaaagaaaag ggaaaatttc agaagactag gaccatattg aacaaggagg gtaactcgaa  600
gacaagcaga cagatggaca ctttggatag tgtgaaaagc aatcgcagga ggcagactgt  660
tggggggatgt ggcgatgttc gatagcatct tttttgctga agtgatggcg tgccaaaagt  720
attttcagtg ggcataatcc tcttcacata aatggcctga ccaagggaaga atgactacaa  780
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```

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gtattttttt	aattttctgaa	gaagttaatt	cttaaaaacta	taacattata	taacaaaaaaa	2340
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at						2402

```

<210> 7066
<211> 4088
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(3709)
<223> similar to gi4589656 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7066						
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ggctggaagt	ggttccgtac	atccggcggg	gactgcagg	gttctcagag	aggaaattca	300
ggaaactttg	acttcggagt	atttccagat	ttgcaagaca	gttcggcatg	gttttcctca	360
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aggtgctata	cgaataactcg	ggagacctgg	tggttgattgc	tattgccaac	atgaaagtgg	480
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0940373E.013100

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ttaagggg						4088

<210> 7067

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (619)...(147)

<223> similar to gi3810855 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7067



<220>  
 <221> misc\_feature  
 <222> (282)...(1067)  
 <223> similar to gi4127986 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7069

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agaaggaggt	ctgaaaccct	cgcagaggga	tcttgccctc	attctttggg	tctgaaacac	240
tggcagtcgt	tggaaacagg	actcagggat	aaaccagcgc	aatggattgg	gggacgctgc	300
acactttcat	cgggggtgtc	aacaaacact	ccaccagcat	cgggaagggtg	tggatcacag	360
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cagcgctgct	ggtggccatg	catgtggcct	actacaggca	cgaaaccact	cgcaagttca	600
ggcgaggaga	gaagaggaat	gatttcaaag	acatagagga	cattaaaaag	cagaaggttc	660
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tgaaatgtgg	gattgacccc	tgcccccaacc	ttgttgactg	ctttatttct	aggccaacag	840
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cgcaaaaaaa	tcaccccaat	catgccctaa	aggagagtaa	gcagaatgaa	atgaatgagc	1020
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<210> 7070  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (92)...(247)  
 <223> similar to gi4689138 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7070

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tcggcccgcg	gagctccgct	ttcgctacag	catggtggcc	tactggagac	aggctggact	120
cagctacatc	cgatactccc	agatctgtgc	aaaagcagtg	agagatgcac	tgaagacaga	180
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ggaataatct	accctgacta	aagcttgaaa	tgctacattt	ccaagggtgaa	gatgtgtggg	300
cacatgttat	ggcagattga	aaaggatctc	attccatggg	aaaaaaaaaa	atcctgtctt	360
gttcataaat	tgacaatgtc	aataaattga	aatatgggtc	actgttaaaa	aaaaaa	416

<210> 7071  
 <211> 2872  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2873)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2798)...(2383)  
 <223> similar to gi4884268 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7071  
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 ctccctcccg cctccccga cacaatacag ttctctgttt tctttctttt taaaaacgtt 180  
 gcttgctacc tctccatttg ggaagccag ggcagtactg ctggtgggtg gtgacaggca 240  
 cacagcgggc aaagcccatc ttgggccaga gggaggtggg aggaccagtc cctgccacat 300  
 cctcaatcca cagacaccca ccagccagcc ttacttttgg gcctcccact agagggtagt 360  
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 attacataaa gggatggaca cttacacatt ttagaatgtg ggacacttgg ttagggcag 540  
 tgggaactta taaagatagc agccagtttt ctctcttggc ttctctgaa gggtaacct 600  
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 tttcttgcaa atcagatatt tgtataaaca aacaaaaata ggaagaaaaa aaaaagaaag 1920  
 gatattttca aatggaactt actttttaag tgatggagac atgcacttgg ggggtgggtg 1980

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cagctctcag cgacctctc atcttccatc ttactcgggg cgtttgccct naatttcngg 2820
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<210> 7072
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(427)
<223> similar to gi710295 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7072
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tcattccagta gaagatggaa tttttgattc tggaaatttt gagcaatttc tacgggagaa 180
ggttaaagtc aatggcaaaa ctggaaatct cgggaatgtt gttcacattg aacgcttcaa 240
gaataaaatc acagttgttt ctgagaaaca gttctctaaa aggtatttga aataccttac 300
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<210> 7073
<211> 4820
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (581)...(2551)

<223> similar to gil098569 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7073

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<210> 7074

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (111)...(256)

<223> similar to gil244410 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7074

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agaatctggc	atacacggag	tcgcggaacc	agcggcaggt	gttgggggag	cgcatgcagc	240
gagcccccaa	ctgaggcccc	agctaccagc	cctgggcggt	cgtatcatca	gatgctcctg	300

tgcacatcgcg	ccaacacggg	agccagtgcc	gcgaggaat	gtgggggtccc	ctgtgttccc	360
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<210> 7075
<211> 5185
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (390)...(2338)
<223> similar to gi35842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gggaacggct ttctgctgcc ttttttgggc ccgaaaagg gtcagctggc cgggcttttg      180
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caatagttca gcagtttggc tatcagcgcc gggcatcaga tgatggcaaa ctacagatc      540
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<210> 7076  
 <211> 3002  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2736)...(2344)  
 <223> similar to gi3041852 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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aaaaaaggag	ttagttttgg	gagagcccca	aggggtttgg	ggcatatatg	ttatcggtt	240
tatcccaaat	taattttttg	aaataaaaaa	accttttttt	tttttttaaa	ggaaagccac	300
ccaagatta	gggagtaagc	ctttagttta	aatgttcaat	ttaagtattg	tcaagcctag	360
gctaaataga	ggactgcatt	ttcttagagt	gtggaataca	acttatttat	ttcatttttg	420
tttctctttc	tcttgctctt	ctttttgtca	gcaaaaaggg	gaaaagctat	tcaattaagt	480
acaagggaaa	ttccctgtaa	ggttaaaata	aaaaatgaag	ctaccattca	aggggaacttc	540
tctgtattca	accctaattg	cagtggttta	tactgtagtt	ggaattaagt	gaatcaaagt	600
ctctatcaag	catactccac	ctagcatacc	atctgtacct	gtaattcatt	tagagcccag	660
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ttttcttcta	tctgggttcc	tctaccttca	ctgacactgg	catcttcaaa	cattgaatct	900
tctggcagca	ccagttccac	atccttcaca	ccttctgacc	catctttgat	acaggggagc	960
tgggaatctg	cactgatttc	tgtagttgct	ggaggaatca	gggcaatact	ctgagggttc	1020
atgtcatgaa	accaagccat	gatgttgccg	agaagattgt	cattgatgtt	ggggtcctgg	1080
ccagctgagt	caggatcact	agatgagggg	cagaaatcac	ttcttgccct	actgagaggg	1140
tgtgagctca	gggtgtcagt	tgaaaatggg	tattctctct	ctcctagtct	catgaggctg	1200
tcaccaagtt	ccaaaagctc	agagctgctc	aatgcagccc	gagggtctatc	tgtatttctg	1260
gggacagagt	ccagcctgga	aggtaaagaa	gtgcctatcg	cacctaaagga	tgcttcatta	1320
ctgaggaagt	ctctagtttc	ttcatcgagg	gccagcccag	actcttgtag	tgataactgt	1380
attgcaagaa	gtatattggg	atcgtcttca	tccaaggaac	tcagagcctg	aagagagtcc	1440
tggttttcag	agcgactggc	aggggtgtag	tcacgcaggg	aagagctgtg	cagcacactc	1500
atagatgcag	aacttaccac	ggatgtgccg	ggcctgcggc	tgctgctgcc	gccttctgga	1560
atatctaaag	tgctttcact	tggctcatca	gggtctggag	gattactgag	tagactgtga	1620
acatctcctc	gacgacgttg	tctgtgcctc	ctccgatact	gaaattcagc	atattcctct	1680
ggtgatgcaa	atcctaaata	ttcccaatcc	catgttccac	cagcaaagct	gcgccttgga	1740
gcttctgggt	agtctgcagg	agctactccc	cgagccacag	atgccaggaa	ttcttgccct	1800
ttctgctgta	caaggcatgc	tgctttgatg	atcttgtggc	gggtgtgctg	aaggtaaggc	1860
ctattgactt	tctgggcaag	gtcttcagtg	accatttcta	ggtctgtttg	cattagttca	1920
aaaatttctt	tctttgtgct	tttaggttcc	aagaaaaatc	catatggata	agaacacttg	1980
agaatgcgcc	gagtttttaa	gagcacatga	actgcattct	caatgaaagt	ggtatctgga	2040
cagcctcctt	cagtttcttt	gagagctctg	ctcaattgct	ccatcttttc	tttggctggt	2100
ttaagaaggc	gttggttctag	ctgataacta	tgtcatggt	ttttaaatct	tgtataatag	2160
tgataaaatc	tgtcaagttc	ctgaaatcgt	ttgtgttttt	tctcagcctc	cacagtcatt	2220
tccttggtg	gctcctccac	gtgttgaaatg	acttcatagc	gagtacatct	gtaaataacc	2280
tcccagtgga	cgaaactatg	ttttttccac	tcttcaaggc	aaatccagca	aaagtcatac	2340
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ttggcacaag	gcttggtggt	agttaataac	cagagacaat	tggcggcatc	ctcgtaggct	2460
tcactaactc	ccacaagttc	ttctggtttc	atctcggtta	ttttttgcag	ccaattcttc	2520

catgtttggc	agtcacaagg	ctcatgtgct	tcaccaaggc	actcccagca	gaagaggtgt	2580
ccttttccac	aatcaacagc	aggagctctc	agcaatggga	agctgagtgt	atcagatcca	2640
gatgtatttg	acccttggtt	cgttagtctt	actgctctgt	cacagcctgg	agtaggacac	2700
catttaaatgg	caggattatt	ttcaacaaag	gccttaatat	caaactgtag	gtatcgtttg	2760
tccatctcct	ttgaaactac	actttttatg	atatccccag	gtacaagttg	gaagcaatca	2820
tatgcagggc	aaaaaatggt	gtgagcttcc	ccttcttgaa	ttttcagatt	caaaaacctt	2880
ttaaaatgga	tcaatgccct	tcccccgagc	aaggatatta	agttatgcgt	gcattataag	2940
gattttccat	tttctttcct	ttttttgtta	gagacaggca	tcgtgtcacg	caagtcgtaa	3000
tc						3002

<210> 7077  
 <211> 1868  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1797)...(658)  
 <223> similar to gi31221 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7077	
tttttttttt	ttcagccata gacacatctc tatatttata tattagacgg gtcagggagg 60
tggcaggggc	gccgggctct ccacgcccc cagctccact tctgctcacc acacacagaa 120
gcagcgaggg	cacgcgaagt gacagctttg acagggaggg gattcgggcc ggcctggctc 180
ctcaggggatg	ctagcccttg agactaagga atgttccttc agggaaacta ggggtggggtt 240
tgaatgagat	gaggggggca ggcatggccc tgagtcccta ctcagcgccc cccaccctcc 300
acctctgccc	ttcagcaggt tggggcagcc agaacccttc cattccagaa ctgccagaga 360
ctgggacgct	ggggaaggta agggcgagc agcagcagca gcgggagatt gaactggggc 420
cacctgagct	cccaggcccc cgtggggagg gcgggtgggg aggagaaggc cttggccttg 480
gcctgcctga	agctggaggc ctcagcaaag gagagaggtg gccaggccca tgctccaccc 540
cggcctgggc	tgccaaggtc cgggctgggc acagtgtcca ttttctaaca gtctggcggg 600
agaggggcag	gcaggaggca ggtccaggcc ccagggtgca gagatgtctg tctgggctag 660
ggggcctcca	gcaactccggg ctggaagcgt gctgtctcct ggaagatgag ctccctcagc 720
cgtcccttag	gtaggtcatc cagctccatg gcgaagggtga agggctcctc ggccactggc 780
tcatccgtcg	ggtcatagta ctgctccagg taggggtgag ccagcgcttc ctccactgtg 840
atccgtttat	tgggggtaaa gggttaacatc cgggtccagca ggtcaagggc tttggagtct 900
gacttgggga	aaagcttggc ccaagccacc ttggtcttg agggcagaga ctgtaggtag 960
tttcgggcct	tcatgttgat gatacaattc aggtcctcct gggatgggga gcccaggatg 1020
cccagaatgt	ggttgagctg atccaggtag tgcttgccag ggaagatggg ccggttagag 1080
agcatctcag	ccagaatgca gcccacagac cagatgtcga tggacttgg atagcccttg 1140
gagttcagca	tgatctctgg ggcccggtac cagcgctgag ccacatactc cgtcaggaag 1200
ccggtgtggt	catgtctcagg atcggcaatc cgggccaggc cgaaatcaca aatcttaagg 1260
tcgcaggtgg	tggtgatgag caggttggag ggcttttagat ctcggtggag cacgttggcg 1320
gagtggatgt	acttgaggcc ccgcaggatc tggtagagga agtagcagat atggtcattg 1380
ctcagctgct	ggcttttcag caacttgtag aggtcagctt ccatcaggtc ctgcacaatg 1440
tagacatctc	tcatggcttc caggggtggac gccgcagaa tgtctcgat gccgatgaca 1500
ttctcatggc	ggaagcgag caggatctgg atctcccgga gcgtgcgctg gcagtaggtc 1560
tgatgttcga	aggggctgat cttcttgatg gccacgcgag tcttgcgac gtggtcatag 1620
gccgagctga	ccatgccgta cgcgccctcg ccgatgtact gcaactgcgt gtagcgcggg 1680

cccacgtcga	acggctgccc	cttcaccatc	tccacctccc	ccgggacccc	cgggccgacc	1740
ccctcggttc	tacggggctc	cccgcccccg	ccccctgag	ccgcccgcgc	cgccatctcc	1800
actcccgtg	ctgctgctgc	tgctgttgct	gccgctgccc	tctggggccc	cggcggcgcc	1860
gaggaacg						1868

<210> 7078  
 <211> 1945  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (113)...(1005)  
 <223> similar to gi4680693 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7078						
ctcctcctgg	gctgggccc	cggtgtctcg	tcccctcgcg	gagccgctcc	tgccgcccgc	60
gccgcgcct	cctcattcat	cctcgtgcac	cataggcggc	acaggcacca	agatgtccaa	120
ccgagtggc	tgccgagaag	ccagtcacgc	cgggagctgg	tacacagcct	caggaccgca	180
gctgaatgca	cagctagaag	gttggctttc	acaagtacag	tctacaaaaa	gacctgctag	240
agccatttatt	gccccccatg	caggatatac	gtactgtggg	tcttgtgctg	cccatgctta	300
taaacaagtg	gacccgtcta	ttaccgcgag	aattttcatt	cttgggcctt	ctcatcatgt	360
gccccctctct	cgatgtgcac	ttccagtggt	ggatatatat	aggacacctc	tgtatgacct	420
tctgtattgac	caaaagattt	acggagaact	gtggaagaca	ggaatgtttg	aacgcattgc	480
tctgcagaca	gatgaagatg	aacacagtat	tgaaatgcat	ttgccttata	cagctaaagc	540
catggaaagc	cataaggatg	agttttaccat	tattcctgta	ctggttggag	ctctgagtga	600
gtcaaaagaa	caggaattcg	gaaaactctt	cagtaaatat	ctagcggatc	ctagtaattct	660
ctttgtgggt	tcttctgatt	tctgccattg	gggtcaaagg	ttccgttaca	gttactatga	720
tgaatcccag	ggggagattt	atagatccat	tgaacatcta	gataaaatgg	gtatgagtat	780
tatagaacaa	ttagaccctg	tatcttttag	caattacttg	aagaaatacc	ataatactat	840
atgtggaaga	catcccattg	gggtgttatt	aaatgctatc	acagagctcc	agaagaatgg	900
aatgaatatg	agtttttctg	ttttgaatta	tgcccagtcg	agccagtgtg	gaaactggca	960
agacagttca	gtgagttatg	cagctggagc	actcacggtc	cactgaagct	ctgaatcctc	1020
agggatgcc	cctgcacatt	ctcatactct	gtccgggggc	ccagcctagc	ctttaccacg	1080
atactgggtcc	tggtttgggg	ggattctgaa	acctcaaaact	aatagaactt	tcttctcttt	1140
ttttctagta	ggggtagtcc	ttccttaatt	tcaactcatt	aaaaaatgct	ttatagttta	1200
gggcagtgg	aggaaggctg	gcatcaaaat	attttgatca	aaaaagatga	caatgtaaag	1260
gctcagttgt	ggcagacagt	tttttgaaag	taacttgtaa	agcatttacc	atatacctaaa	1320
tttgactct	ttgcagactt	gtgcacatat	attccgcttt	cagaatagtt	ttgcaaattg	1380
tacacaaaca	aacaaaaagg	tggaagcttt	ttaataaaga	aattgcattt	ataaatgatac	1440
tgtattagaa	tataataaat	ctccagttat	agtcaattac	taccatgtt	gtacaacaga	1500
tacgcttcta	ttttgagttg	cgtaatagaa	gggctacaca	actcaaaata	ataaaaaaaa	1560
aaataaataa	tttaaaaaat	aaataaaaaat	aaactgaatg	aaattgaaaa	catatcaatg	1620
tgagatgcc	ctaaagtcac	actaaaaggg	aatttacacc	acttactgcc	tacattagaa	1680
aagaagtctc	aatcaatgc	aatcaatga	cttctgcctt	tacagtaaga	aaccagaaaa	1740
agagcaaata	aatccagta	agcagaagaa	aggaaacaaa	gatcagaaca	gaaattaata	1800
taatcaggaa	aagagagaga	gagagaatca	ttgtaaccag	aagtttgagg	aaaatcaaat	1860
caattggtaa	acctctagcc	agacagatca	gaaaaaaaca	cgaaagacac	aaaccagtct	1920
cagaaatgac	aggtagcatc	attac				1945

<210> 7079  
 <211> 2000  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (22)...(876)  
 <223> similar to gi2769649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7079

cggtctgacc	cacgcgtccg	catggctccg	cggtctgtgca	gcattctctgt	gacggcgccg	60
cggtctgttg	ggggcccg	gcctcgcgt	ggggacgttg	cgtctgcagc	tgcggcgccg	120
ttctattcca	aggacaatga	aggcagctgg	ttccgctccc	tctttgttca	caaagtggat	180
ccccggaagg	atgcccactc	cacctgctg	tccaagaagg	aaaccagcaa	cctctataag	240
atccagtttc	acaatgtaaa	gcctgaatac	ctggatgcct	acaacagcct	cacggaggct	300
gtgctgccc	agcttcacct	ggatgaggac	tacccatgct	cactcgtggg	caactggaac	360
acgtggatatg	gggagcagga	ccaggcagtg	cacctgtggc	gattctcagg	tggctacca	420
gccctcatgg	actgcatgaa	caagctcaaa	aacaataagg	agtacctgga	gttccgaagg	480
gagcggagcc	agatgctgct	gtccaggaga	aaccagctgc	tcctcgagtt	cagcttctgg	540
aatgagccac	agcccagaat	gggtcccaac	atctatgagc	tgaggacata	caagctcaag	600
ccaggaacca	tgatcgagtg	ggggaacaac	tgggctcggg	ccatcaagta	ccggcaggag	660
aaccaggagg	cagtgggcgg	cttcttctca	cagataggag	agctctacgt	ggtgcaccat	720
ctctgggcct	ataaagacct	gcagtctcgg	gaggagactc	gaaacgctgc	ctggagggaag	780
agaggctggg	atgaaaatgt	ctactataca	gtccccctgg	tgcgacacat	ggagtctagg	840
atcatgatcc	ccttgaagat	ctcgcctctg	cagtgatgct	gcctacacct	ccacctcctt	900
ccccttctcc	ctcaggcaac	cccgacagac	agtggcactc	ctggctcctgc	tgtcttggtt	960
ttgtcttggc	tctgggagga	ctctgagggg	cagtgtctcag	ttcagacaag	ggggaactga	1020
aggctgacaa	gttctgagga	ttacagctct	gcccaggccc	tttctacttt	ccctgcctgc	1080
ctccctcccc	ctgctagaag	tagtttctga	tttccctgaa	tgaaagatag	tgatctttta	1140
ggccttcata	tatcttctaa	aattcctcat	ctcaaggcca	ccagtcccca	gttatcacc	1200
ttggaaatcc	tctgtttagc	ttagttgcac	aaaaggtagt	atgtccagtg	gctagagggtg	1260
gggtgggaag	agaggaggcc	aggccaggcc	ctcaggaatt	ccctggtttc	cactgggcca	1320
cccacttgct	ggacagtctg	agccaagtcc	ctcctgctgg	agaaaagcct	ggaactgcca	1380
aaacaaaaaa	acaaatacaa	acaaacctcg	tcaccacggg	caggaggagg	ttcagacatt	1440
ctgcccagag	gggctgggga	aagggatggg	agccaggaaa	gatttagggg	caggagacag	1500
acacgtaaca	ggaactcgga	aggtagaact	tagaattcag	aacttgggtt	tcaattgtag	1560
aatttggaat	ctggaatata	gaattgggaa	gaagaacaga	gatgacaaaa	gaccacttga	1620
agagagggttc	ctaatactag	acagatggag	agtggcttgg	ctgtttcccc	ctgcatattg	1680
gggttgaaaa	cttaaatgtg	tagttccagt	ccttctatgc	agagtctctc	ctgccctccc	1740
tccttcctgc	aggcaaatat	acaagctaga	ccctgttccc	tcaccctgta	tcctgtctcc	1800
cctaattgac	attctatcag	cccaacctc	attctgcagg	gccacctggg	gtgtggagggt	1860
ggcgggagg	gtcagtgact	ctgggggtct	cctcagtgac	ccccatacct	catcatgaac	1920
ccttgggtag	cttgattctg	cctaccatcc	aggaaaactt	gtgctggaat	tgctgatgga	1980
aacaattaaa	tatttactat					2000

<210> 7080  
 <211> 1737  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (335)...(644)  
 <223> similar to gi3880445 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7080

agaccacatg	gttgagaaag	gagaaagaga	aaatgattac	ttgtaaagaa	aaatccat	60
ctgcagtgg	atgggtaagg	ataatctaac	cataatcaca	ttatccttgt	atgcctggct	120
acttgtgctg	gcctgtatgt	gaatgttaac	cccaaagact	ccttttagatg	tcgctgaact	180
agttactata	aaaagtat	cgctttcaaa	ctccacatt	tcaagaagag	caaaactcaa	240
tacaaggcaa	ttttgaagtt	tccctgaaac	ctgggctctt	gaagacgcat	cactggagca	300
gatggataat	ggagactggg	gctatatgat	gactgacca	gtcacattaa	atgtagggtg	360
acacttgtat	acaacgtctc	tcaccacatt	gacgcgttac	ccggattcca	tgcttgagc	420
tatgtttggg	ggggacttcc	ccacagctcg	agaccctcaa	ggcaattact	ttattgatcg	480
agatggacct	cttttccgat	atgtcctcaa	cttcttaaga	acttcagaat	tgaccttacc	540
gttggatttt	aaggaatttg	atctgcttcg	gaaagaagca	gatttttacc	agattgagcc	600
cttgattcag	tgtctcaatg	atcctaagcc	tttgtatccc	atggatactt	ttgaagaagt	660
tgtggagctg	tctagtactc	ggaagctttc	taagtactcc	aacccagtgg	ctgtcatcat	720
aacgcaacta	accatcacca	ctaagggtcca	ttccttacta	gaaggcatct	caaattat	780
taccaagtgg	aataagcaca	tgatggacac	cagagactgc	caggtttcct	ttacttttgg	840
accctgtgat	tatcaccagg	aagtttctct	taggggtccac	ctgatggaat	acattacaaa	900
acaaggtttc	acgatccgca	acacccgggt	gcatcacatg	agtgagcggg	ccaatgaaaa	960
cacagtggag	cacaactgga	ctttctgtag	gctagcccg	aagacagacg	actgatctcc	1020
gaccctgcc	cagggttcctg	gaaagactct	ccaggaaatg	gaagatactg	at	1080
ttaaatcaca	gggggagata	tttttttct	tttaaatagt	tgtatttatt	tgaaggcagt	1140
gaggaccaaa	aggaagt	gtgctttggc	agactcctcc	atgttttgtt	cccttcccc	1200
tgagtatgca	tgtgcctgtt	cagagtctcc	agataccttt	tttataaaaa	gaagcctgaa	1260
aatcattatg	gtatataatc	tacccttaac	agagcttttc	ttattacagt	gctaaaatga	1320
tttctgataa	aatgggtccct	aactcaacta	gaaggctaaa	aatacaagaa	tgaaagaata	1380
agcagagtac	tcatgatgcc	tttgagaaaa	atcaaaaaaca	tcatgtaggg	tgacctagtt	1440
tccaaaccaa	ttaaataagta	gtattgtaat	attaaaggaa	aactgttcca	atcat	1500
agtacttatt	aagtactgct	ttttacagtt	atgacaactg	tttctttcta	tgcatataaa	1560
tcaaggaacc	aaatatctgt	agccatggaa	atgtctgact	agaaatattt	atattgaatt	1620
ctgaatacaa	aatgtccctg	tggtagaaaa	cttactcttt	atgcctgggtg	cagtataaat	1680
tcccaagtgt	actgtctacc	agaaaaaaaa	aacaaaacta	ataaaaaatg	aaatatg	1737

<210> 7081  
 <211> 1354  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (620)...(301)  
 <223> similar to gi4929749 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7081

tttttttttt	ttcagagtga	aaaactttat	taacaacag	tttcaacgag	aaagcaa	atg	60
aataccccta	gaaacatgga	cagcatctcc	cccagcagca	ggcaggggaa	gggaggcag		120
aggggtaagc	ctaggggtgt	ccctaggaaa	gggccaggtt	ccctctatcc	agctgggggc		180
accgagacgg	cctcattcag	ggaagtccag	gatggcagct	gaaggcagca	ggttttagcag		240
ccaaagccca	ggcctagtgg	atagacaggg	tccaaaatgt	gacccttcta	ggctgggtatc		300
accatggggg	cgtcatgggc	tgaggattct	gcagatagga	catcaccacg	gcagagatgg		360
acagcatgaa	gctactcatc	atttgcttcg	tgtcctccga	gctccgagag	ttggcaaagc		420
tgatgaagga	gcagtagaca	gcgacccaag	cacaccactt	cagcttaagc	atgaggccgc		480
acatgctgaa	gatcatgccc	agcaggttca	tgtagtccgg	cgtcgggtcg	tccaaggccg		540
ggttacattc	gctcggcggg	ggcttgtacc	tcagcacttt	gttcggcctc	cgtgggtccg		600
acatattggt	agtggacata	gcgagtcgaa	ggccagatca	cgccctcttc	cgctgcagga		660
atcgagcgtt	ccgggcgtgc	aagctgaggg	cggatttttag	agtaacaccc	gagggccctc		720
gcatttccgt	tcctcatgac	agaggcttgg	actcccctta	cccagagaac	ggagatttag		780
gagaagccag	aagtcttcct	ttcaaagggg	aaatgggggaa	aagaacctga	aagcgggctt		840
caatagttcc	aacccgatca	ccgaaatgcc	aaaatgatga	acccggaagt	gataaacagg		900
aagtaggtca	ggaagaacaa	taataagggt	acacccaagc	gtgggtttct	aaggcgcgga		960
attttccgta	cagaccgatt	taaggctgca	aggaaggagt	cctgggagca	tggctttccc		1020
tgagccaaag	ccgcggcctc	cagagctgcc	gcagaaacgg	ttgaagacgc	tggactgcgg		1080
gcagggggca	gtgcgagccg	tacgatttaa	tgtggatggc	aattactgcc	tgacgtgcgg		1140
cagtgacaag	acgctgaagc	tgtggaaccc	gcttcggggg	acgctgctgc	ggacgtacag		1200
cggccacggc	tacgagctcc	tttgacaaca	gtagtctctg	ctccggcggc	ggggacaagg		1260
cgggtggttct	gtgggatgtg	gcatacgggc	aggctgtgcg	caaattccgg	ggccacgcag		1320
ggtcctccaa	agtccagcct	cctctgagtg	gcaa				1354

<210> 7082  
 <211> 814  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (714)...(197)  
 <223> similar to gi5326825 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7082

tttttttttt	ttccttttaa	aattttta	atg	gacaggaa	at	ggtataga	at	aactgcc	aag	60
tcacataagt	taactttttt	gttaatgt	tt	gtgatccc	gg	aaagaaca	ca	ctatcag	tcg	120
atgcaaaccg	catgggcgtt	ttcatcag	tc	gttgtctg	ag	cacatgac	cg	agtgtggg	cc	180
acggacccat	ctttacttgg	tccagaaata		aaagcggc	tg	ccatgtgt	gg	caggctgc	ag	240
atctccctcg	atctcagggc	tgggatcc	gg	tcttgggt	ctt	gagtgatag		gattctcc	gg	300

taaaggtcga	tctgttttca	ctttggtgac	ctttgacagt	tctcccaggt	caggccgcac	360
ccagcccagt	ttgtccagca	cacactcgtc	aaactttgcc	tgctgtttgc	gacagtgcg	420
aaataactgc	tggccagtat	aatcaatgca	agtccaatat	tctgtaaaag	gctctgcaca	480
gtgacgtttt	atctgcctaa	agaagtccaa	agcacacttg	ttgaccagtt	tgccttcctc	540
taaacaccgc	ctcgatctt	tctcttccca	gcggcagagc	ataaactcct	tgttgggctt	600
atcacattga	gtccatagt	gatggggccgc	agctttaagc	acagcagaac	taattttcac	660
ctcatctact	ttcagctcct	ctagagtggg	cagctccact	atccccggca	tgacggctgc	720
agccccgacc	ccgacgagaa	gccctcagcc	gcgtcgcccc	cgtctccttg	aactcccctt	780
tcgaccgccg	agtgccacac	ggcgcctgcg	catg			814

<210> 7083

<211> 956

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (102) \dots (623)$$

```
<223> similar to gi5360105 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 7083

cgcgccccggc	ccgagaggggt	gctcggcgcc	acagccccga	ggccccggccc	gcgcaggagg	60
cgctcctcct	tccccaccgt	gtcttttcagg	ttgcagaaaa	gatggaaaaa	aggacatgtg	120
cactctgccc	caaagatgtc	gaatataatg	tctgtactt	tgcacaatca	gagaatatag	180
ctgctcatga	gaattgtttg	ctgtattctt	caggacttgt	ggaatgtgag	gatcaggatc	240
cacttaatcc	tgatagaagt	tttgatgtgg	aatcagtaaa	gaaagaaatc	cagagaggaa	300
ggaagtgtaa	atgcaaattt	tgtcataaaa	gaggagccac	cgtgggatgt	gatttaaaaa	360
actgtaacaa	gaattaccac	tttttctgtg	ccaagaagga	cgacgcagtt	ccacagtctg	420
atggagttcg	aggaattttat	aaactgcttt	gccagcaaca	tgctcaattc	ccgatcatcg	480
ctcaaagtgc	taaattttca	ggagtgtaaa	gaaaaagagg	aaggaagaaa	cccctctcag	540
gcaatcatgt	acagccaccc	gaaacaatga	aatgtaatac	attcataaga	caagtgtgaa	600
aagagcatgg	cagacacaca	ggtttgcgct	aagtgttgtc	tgtaacaaat	atggcctaca	660
atacttataa	aaatgtcaac	ccacctgttt	caaacttggt	atcccgcta	aatctttatt	720
cttctaggct	tgtgtgaatt	aatgagtata	aatctttatc	gcaactgtcc	actctattgt	780
aatcccagca	tatcaagata	acttaggttg	gaatggtcca	tgtcattcag	tattaagaaa	840
agatagactt	ctattaataa	agacacagac	aggcttgctt	gagctcagaa	tccagcaatg	900
tgtcacccct	cacactgtga	cccctgtaac	tgtagtcttc	tgttctttta	aqaaat	956

<210> 7084

<211> 829

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

094623109

<400>	7084						
cggttgctgc	cccagtggcc	gccctctgag	cacgtgttac	tgccagtctg	cgtcacgttg		60
ggtaaataca	tgactggccg	acgscgcccg	gcgggggcta	tttaagagac	agmcgcccgc		120
tggtcctccc	tgaacttggc	tcagctgccg	ggctgctccg	gttggaacg	ccaagccagc		180
tgctcctaa	tccaaaagcc	atgaacagcg	gcgtgtgcct	gtgcgtgctg	atggcggtac		240
tggcggtcg	cgccctgacg	cagccgggtg	ctcccgcaga	tcccgcgggc	tccgggctgc		300
agcgggcaga	ggaggcgccc	cgtaggcagc	tgagggtatc	gcagagaacg	gatggcgagt		360
cccgagcgca	cctgggcgcc	ctgctggcaa	gatacatcca	gcaggcccgc	aaagctcctt		420
ctggacgaat	gtccatcggt	aagaacctgc	agaacctgga	ccccagccac	aggataagtg		480
accgggacta	catgggcttg	atggattttg	gccgtcgtag	tgccgaggag	tatgagtacc		540
cctcctagag	gacccagccg	ccatcagccc	aacgggaagc	aacctcccaa	cccagaggag		600
gcagaataag	aaaacaatca	cactcataac	tcattgtctg	tgaggtttga	cattgtatgt		660
atctattttat	taagtttctca	atgtgaaaaa	tgtgtctgta	agattgtcca	gtgcaaccac		720
acacctcacc	agaattgtgc	aaatggaaga	caaaatgttt	tcttcactctg	tgactcctgg		780
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<400>	7085						
tttcgtgtag	acgaggacgc	caacagcagc	ggagaaacgt	ttctctttcc	tctcagtttg		60
cgcacaccat	ggcggccctt	gcccagcaga	ctactcagcc	tggcggcggg	aagcgcaaag		120
gcaaggctca	gtatgtgctg	gccaagcgcg	ctcggcgctg	cgacgctggc	gggcccgcgc		180
agctagagcc	cgggctacag	ggcatcctca	tcacctgcaa	tatgaacgag	cgcaagtgcg		240
tggaggaggc	ctacagcctc	ctcaacgaat	acggcgacga	catgtatggg	ccagaaaagt		300
ttacagacaa	ggatcagcag	ccctctggaa	gtgaggggaga	ggatgatgat	gcggaggctg		360
ccttgaagaa	agaagttggt	gacattaagg	catctacaga	gatgaggtta	agaagattcc		420
agtcagtgga	aagtggagca	aataacgttg	tcttcatcag	gacacttggg	atagagcctg		480
agaaattggg	gcatcatatt	ctccaggata	tgtacaaaac	caagaaaaag	aagactcgag		540
ttattttgcg	aatgtttacc	atctcaggca	catgcaaggc	tttttttagaa	gatatgaaaa		600
aatatgcaga	aacatttttg	gaaccttggt	ttaaagctcc	aaacaaaggg	acatttcaga		660
ttgtgtacaa	atctcgaagt	aacagctcatg	tgaatatagaa	agaagttatc	agagaatttg		720
caggaatagt	gtgcaccctc	aattcagaaa	ataaagtgga	tctcaccaat	ccacagtaca		780
cagtggtagt	agaaatcatc	aaagctgtct	gttgccctgag	tgttggtgaaa	gattacatgt		840
tgtttagaaa	atacaatctc	caggaggtgg	tgaagagccc	taaggatccg	tcacagctta		900

actcaagca	gggaaatggg	aaagaagcta	aactggaatc	tgcggacaaa	tcagacccaaa	960
acaacacagc	agaaggaaaa	aataaccagc	aggtaccaga	gaataactgag	gagctggggc	1020
agacaaaacc	aacgtcta	ccacaggtgg	taaatgaggg	aggagccaaa	cctgaacttg	1080
caagtcaagc	cacagaagga	tccaagtcaa	atgaaaatga	cttctcatag	gaagtcattt	1140
ggtgttgagg	ctgacagtc	agtgtcgaa	ttttggaagg	caagatgtga	gagagacgag	1200
aaccatttta	ggcatagaac	tacagacatt	tctgaaaagg	ttggtgatga	agaacttcag	1260
tcttctgagt	atacttcagt	atactagtgc	aacaagggac	acaaagaaat	tctgtcttaa	1320
taaagaaaagc	tacttctcaa	gggtattatg	tggactcagt	ccaagctctc	ctgtcccatt	1380
gtgcattgtc	tgtgacatgc	aacttacaaa	actagcaatt	gtaacaataa	atcacagcca	1440
cttgacaaga	aaggatattc	attattttca	aatggctttt	ggactatcaa	aaacagtaag	1500
gcttttggtc	agaaatcacc	tttagtcaaa	aggtttaaga	agcaaatat	ttagtagcag	1560
aacttatctc	aggaaaggaa	aatatgcatg	gttggtgaga	atctaataac	attaaaatgc	1620
tggggcaaga	tgcagtacaa	agttgaagag	actttattct	caataagttg	atttactgat	1680
gatatgtcat	atgatgcaaa	aaagggtttg	gggccattaa	ctgaaaaata	gcagcttctc	1740
tatccaggat	gatgagtcaa	caggtttcac	taatatattgt	ccatgctgta	gcatttgtaa	1800
gatttgtaaa	tgatgaaatt	caaagaaaac	tttttctatt	gctaggagcc	tgccagaaca	1860
aaggccaata	tataatgttg	tgacatcata	tctgataacc	agaggtctgg	tatctacact	1920
cctggtgccc	catcagtgg	tgtctccata	agtcattttg	cgttattaaa	aaaaaaa	1977

```
<210> 7086
<211> 1778
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (169)...(1326)
<223> similar to gi2292902 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7086					
tgagcgccca	gggagcagcg	cagcgcgcgga	ctgacaccca	cctgtcccgc	ccaggagcct	60
tgcaggctgg	agggcggtcg	gagagcgggcg	gcgcccggcg	gcgaggcggg	cgctgccggc	120
cgggactcgg	gcagcgccca	ccaaccgctc	cgccccggga	cagccagcat	gagcaagcca	180
gccgatcaa	caagccgcat	tttagatata	ccctgcaaag	tgtgtggcga	ccgcagctcg	240
gggaagcact	acgggggtcta	cgcttgcgac	ggctgtctag	gttttttcaa	acggagcatc	300
cgaaggaata	ggacctatgt	ctgcaaatct	ggaaaccagg	gaggctgtcc	ggtggacaag	360
acgcacagaa	accagtgcag	ggcgtgtcgg	ctgaagaagt	gttttgaagt	caacatgaac	420
aaagacgccg	tgcagcacga	gcggggggcct	cggacgtcca	ccatccgcaa	gcaagtggcc	480
ctctacttcc	gtggacacaa	ggaggagaac	ggggccgccc	cgcactttcc	ctcggcggcg	540
ctccctgcgc	cggcctttctt	caccgcggtc	acgcagctgg	agccgcacgg	cctggagctg	600
gccgcggtgt	ccaccactcc	agagcggcag	accctcgtga	gcctggctca	gcccacgccc	660
aagtaccccc	atgaagtgaa	tgggacccca	atgtatctct	atgaagtggc	cacggagtcg	720
gtgtgtgaat	cagctgccag	acttctcttc	atgagcatca	agtgggctaa	gagtgtgcc	780
gccttctcca	cgctgtcttt	gcaagaccag	ctgatgcttt	tgggaagtgc	ttggagagaa	840
ctgtttgttc	taggaatagc	acaattgggc	attccggttg	atgctaacac	tctactggct	900
gtatctggca	tgaacggtga	caacacagat	tccagaagc	tgaacaagat	catatctgaa	960
atacaggctt	tacaagaggt	ggtggctcga	tttagacaac	tccggttaga	tgctactgaa	1020
tttgctgtc	taaaatgcat	cgtcactttc	aaagccgttc	ctacacatag	tggttctgaa	1080
ctgagaagtt	tccggaatgc	tgccgccatt	gcagcccttc	aagatgaggc	tcagctaacg	1140

```

ctcaacagct acatccatac cagatatccc actcaaccct gtcgcttttg aaaactcctg 1200
ttgcttttgc cagcttttacg ttctatttagc ccatcaacta tagaagaagt gtttttcaaa 1260
aaaaccatcg gcaatgtgcc aattacaaga ctgctttcag atatgtacaa atccagtgat 1320
atctaagctc acaagatacc cacttttcag gatgggacag tatcagatga acttcaaccc 1380
atggagaaca agcctcaact aacaaaaccct tcagggaagca tataccgggg aatgtgtagc 1440
cttcaggaaa aaaatgccaa ttgacacaaa gcattccagt agctatgacc tgccgccctg 1500
accaggatag ggcgggtggg aaggagaggg gtgcaacagg accgcctgca ctgaaaactc 1560
actgctgcca tgccctggga gggggcaaac tgggggttgc cacaggccgt gccattctgc 1620
ctcttacctg gaagatcagg ctgaacgatc aaaagctgaa cataagtagt gctttctctt 1680
cctttttagc atacaaagtt tggtaaccaa atatagctct gtgtataaca tcgtactgcg 1740
gccttcaaaa ctacgttatg ttggagcatt tatttttaa 1778

```

```

<210> 7087
<211> 1085
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (355)...(272)
<223> similar to gi5690333 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7087
tccgtaggaa gtttggccca atatgtcccc ccccaaaaat aaagggtccct cccaaaaaatt 60
cccaagtagc agattttcca gtccccacgt tgttaaaaca cggggaaggc ctaggttata 120
aataggcccc ccataaggaa aaaactatta cctcgcaagc acgggtaaac ttgggcccc 180
caagggatcc tttaaaacgg ccgccccctt tttttttttt tggctattta tttatttatt 240
ttttaataa agattgggtc ttatctcact ctgttgccca ggctgatctt gaactcctgg 300
gctcaagcag tcctcccacc tcagcctccc aaagtgtctg gattacaggc atgtgccgtc 360
accccagcc ctgcttggtt taaaagggga cttttttttt tcttaatgga aaaaaatgaa 420
acagagagcc aaaagctttt aactgttggt tttttctttt cttcaatgaa agcctctcat 480
tttgaaaaga catgtttttc ttcaagcaac aaagggtggt gaggaattc ctcaactttc 540
tcaacgagtc atgtaacggt acactggcct ccataaagca ccgattaaga aagctaaaga 600
ataagatggt gtattttctt taaaataatt taaaatatat taaattttcc taaggcaggt 660
tttgtttgaa tgagggtgtc tgattagata actacatgcc actgaaggag aacagtactt 720
ttaaggagct atttttggtt cgcagtagag ttgaaaccag ctgattaatc caatgaagtt 780
aaacagcaga gacagatctc gtacataaga gtatcagcta aagtcatgac tacaccaatt 840
ctttacacaa ttaagacatc ttgcaactg ttcaatttaa gtactatggt ttttagataa 900
tcgagaaaaa cacagttgta ccttaacatc tgttgagaaa atacaaataa atatgatgct 960
aataaatggc cactgataac tcagtagcca tctgaatagt catgcgggtt aagaatacat 1020
ccttgataa tctgacatac aaatttgtca tttcctgcac atgcacacca ttgttaaaaa 1080
aaaaa 1085

```

```

<210> 7088
<211> 1965

```

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (31)...(1201)  
 <223> similar to gi5824311 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7088

cgagcgcacc	gcggggaagat	ggcgttgag	gtcggcgata	tggaagatgg	gcagctttcc	60
gactcggatt	ccgacatgac	ggtcgcaccc	agcgacaggc	cgctgcaatt	gccaaaagt	120
ctaggtggcg	acagtgtctat	gagggccttc	cagaacacgg	caactgcatg	tgaccagta	180
tcacattatc	gagctgttga	aagtgtggat	tcaagtgaag	aaagtttttc	tgattcagat	240
gatgatagct	gtctttggaa	acgcaaacga	cagaaatgtt	ttaacctctc	tcccaaacca	300
gagccttttc	agttttggcca	gagcagtcag	aaaccacctg	ttgctggagg	aaagaagatt	360
aacaacatat	ggggtgctgt	gctgcaggaa	cagaatcaag	atgcagtggc	caactgaactt	420
ggtatcttgg	gaatggagg	cactattgac	agaagcagac	aatccgagac	ctacaattat	480
ttgcttgcca	agaaacttag	gaaggaatct	caagagcata	caaagatct	agacaaggaa	540
ctagatgaat	atatgcatgg	tggaacaaaa	atgggatcaa	aggaagagga	aaatgggcaa	600
ggtcatctca	aaaggaaacg	acctgtcaaa	gacaggctag	ggaacagacc	agaaatgaac	660
tataaaggtc	gatacgagat	cacagcggaa	gattctcaag	agaaagtggc	tgatgaaatt	720
tcattcaggt	tacaggaacc	aaagaaagac	ctgatagccc	gagtagtgag	gattattggg	780
aacaaaaagg	caattgaact	tctgatggaa	accgctgaag	ttgaacaaaa	tggtggtctc	840
tttataatga	atggttagtcg	aagaagaaca	ccagggtggag	tttttctgaa	tctcttgaaa	900
aacactccta	gtatcagcga	ggaacaaatt	aaggacattt	tctacattga	aaaccaaag	960
gaatatgaaa	ataaaaaagc	tgctaggaag	aggagaacac	aagtgttggg	gaaaaagatg	1020
aaacaagcta	ttaaaagtct	aaattttcaa	gaagatgatg	atacatcacg	agaaactttt	1080
gcaagtgaca	cgaatgaggc	cttggcctct	cttgatgagt	cacaggaagg	acatgcagaa	1140
gccaaagtgg	aggcagagga	agccattgaa	gttgatcatt	ctcatgattt	ggacatcttt	1200
taagtacatt	ttcaacagtt	tgaggactaa	gcctttctaa	aataacattg	taataaacca	1260
tttttactga	gattgcaacg	ttttgcaactg	ataaacatga	gaatctggag	gaaagacaat	1320
tgttttcttg	tttaaaatat	gtgtggaaaag	gaatgcaatt	gatagaacat	ttaaagatat	1380
atctgacaaa	atacttaaga	gtatatagca	caggatttaa	tttctcaatc	tggtgcatgt	1440
gctaattatg	agtattacta	gttgataatc	agttttgtct	aggtcataac	ataccatttg	1500
taagtttgtt	tgctttttca	ggtttatctt	tgcatggaat	tatgctttgc	tttaaaacat	1560
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cacggtggct	cacgcctgta	atcccaacac	tttgggagac	caaggcgggc	agatcacttg	1740
aggtcaggag	tttgagacca	gccaggccaa	catggtgaaa	cttcatctct	actaaaaata	1800
caaaaactag	ccagggtgtg	ttctccatgc	ctataatccc	ggctactcgg	gaggctgagg	1860
caggagaatc	acctgaaccc	tggaaggcaa	ggttgacagt	agctgagatc	gtaccactgt	1920
actccagcct	gggcgacaga	gcaagactct	gtctcaaaaa	aaaaa		1965

<210> 7089  
 <211> 2744  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (82)...(1443)  
 <223> similar to gi5853321 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7089

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ataccatggt	tgtgtggaag	tgcccctgt	ttgctatgcc	gatgctgtcc	tagtggaac	180
aactccactg	taactagatt	gatctatgca	cttttcttgc	ttgttgaggt	atgtgtagct	240
tgtgtaaatgt	tgataccagg	aatggaagaa	caactgaata	agattcctgg	attttgtgag	300
aatgagaaaag	gtgttgtccc	ttgtaacatt	ttggttggct	ataaagctgt	atatcgtttg	360
tgctttgggt	tggtctatgtt	ctatcttctt	ctctctttac	taatgatcaa	agtgaagagt	420
agcagtgatc	ctagagctgc	agtgcacaat	ggatttttgt	tctttaaatt	tgctgcagca	480
attgcaatta	ttattggggc	attcttcatt	ccagaaggaa	cttttacaac	tgtgtgggtt	540
tatgtaggca	tggcagggtg	cttttgtttc	atcctcatac	aactagtctt	acttattgat	600
tttgacatt	catggaatga	atcgtgggtt	gaaaaaatgg	aagaaggga	ctcgagatgt	660
tggtagcag	ccttgttatc	agctacagct	ctgaattatc	tgctgtcttt	agttgctatc	720
gtcctgttct	ttgtctacta	cactcatcca	gccagttgtt	cagaaaacaa	ggcgttcac	780
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gaatcacaa	caagatctgg	tttgttacag	tcttcagtaa	ttacagtcta	cacaatgtat	900
ttgacatggt	cagctatgac	caatgaacca	gaaacaaatt	gcaacccaag	tctactaagc	960
ataattggct	acaatacaac	aagcactgtc	ccaaagggaag	ggcagtcagt	ccagtgggtg	1020
catgctcaag	gaattatagg	actaattctc	tttttgttgt	gtgtatttta	ttccagcatc	1080
cgtacttcaa	acaatagtca	ggttaataaa	ctgactctaa	caagtgatga	atctacatta	1140
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gctgtagata	atgaaaggga	tggtgtcact	tacagttatt	ccttctttca	cttcatgctt	1260
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cgtgagatga	aaagtcagt	gacagctgtc	tgggtgaaaa	tctcttccag	ttggattggc	1380
atcgtgctgt	atgtttggac	actcgtggca	ccacttgttc	ttacaaatcg	tgattttgac	1440
tgagtgaag	ttctagcatg	aaagtccac	tttgattatt	gcttatttga	aaacagtatt	1500
cccaactttt	gtaaagttgt	gtatgttttt	gcttcccatg	taacttctcc	agtgttctgg	1560
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ccactattgg	gcttattctc	tgctctatag	ttgtgaaatg	aagagtgaag	acaaatttgt	1740
ttgactattt	taaaattata	ttagacctta	agctgtttta	gcaagcatta	aagcaaattg	1800
atggctgcct	tttgaaatat	ttgatgtgtt	gcctggcagg	atactgcaaa	gaacatgggt	1860
tatttttaaaa	tttataaaca	agtcacttaa	atgccagttg	tctgaaaaat	cttataaggt	1920
tttacccttg	atacgaatt	tacacaggta	gggagtgttt	agtggacaat	agtgtagggt	1980
atggatggag	gtgtcgggtac	taaattgaat	aacgagtaaa	taatcttact	tgggtagaga	2040
tggcctttgc	caacaaagt	aactgttttg	gttgttttaa	actcatgaag	tatgggttca	2100
gtggaaatgt	ttggaactct	gaaggattta	gacaagggtt	tgaaaaggat	aatcatgggt	2160
tagaagggaag	tggttgaaag	tcactttgaa	agttagtttt	gggccagcac	ggtagctcac	2220
ccttgtaatc	ccagcacttt	gggaggctga	ggtgggtaga	ttacttgagc	ccaggaattc	2280
aagaccagcc	tgggcaacat	ggtgaaaccc	tgtttctata	aaaaataatc	tgggctttgt	2340
agcatatgcc	tgtgggtccca	gctactgagg	aggctgaggt	gggaggattg	cttgagccca	2400
ggaggcagag	gttgcatgga	gccaaaggtca	cgtcactgca	ctctagcctg	ggcaacagag	2460
taagacaaaa	aaatatatat	atattgaaaa	tcaaaggagg	caaaattttg	acagggaagg	2520
aagtaactgc	aaaacactag	gcttttagtta	ggtacttata	taaaatctag	tccagttctc	2580
tcatttaaaa	aatgaagac	actgaagtac	agacttaaat	agctcagata	gctaattagg	2640
aaatttcaag	ttggccaata	atagcattct	ctctgacatt	taaaaataat	ttctattcag	2700
aatacatgca	taattgattt	tacacctcat	tactggtgga	taat		2744

09456725 "043100

<210> 7090  
 <211> 840  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (280)...(541)  
 <223> similar to gi238781 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7090  
 cccacgcgtc cggaggggaag acagagcagt gcatggttat ggatactgga caaggatatt 60  
 tggaaagggt gacgatgtgt cacactgtgt aagggaatcg catggagatg ggcattccga 120  
 actgttaatg gggacatggg actccagttg tctctgatca cttgtgtgga ttttcctggc 180  
 gtagaacgac agaagccgct agtaagtcgc caagacctac agcaggaatt ctgcacccaa 240  
 gggcataaaa tcttgttatt ttaatttgca tctgggagaa tgtctgagca aggagacctg 300  
 aatcaggcaa tagcagagga aggagggact gagcaggaga cggccactcc agagaacggc 360  
 attgttaaat cagaaagtct ggatgaagag gagaaactgg aactgcagag gcggctggag 420  
 gctcagaatc aagaaagaag aaaatccaag tcaggagcag gaaaaggtaa actgactcgc 480  
 agccttgctg tctgtgagga atcttctgcc agaccaggag gtgaaagtct tcaggatcag 540  
 gaatcaattc atttacagct ttccagtttt tccagcctgc aagaggagga taaatctagg 600  
 aaagatgact ctgaaagaga aaaagaaaag gataaaaaca aagataaaac ctctgaaaaa 660  
 cccaagatca gaatgttatc aaaagattgc agccaagaat acacggattc tacaggcata 720  
 gacttacacg agtttctgat taacacatta aagaataatt ccagggacag gatgatactt 780  
 ttgaaaatgg agcaggaaat tattgatttc attgctgaca acaataatca ttataaaaag 840

<210> 7091  
 <211> 3041  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2919)...(1564)  
 <223> similar to gil304599 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7091  
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 atacagagac ctctgcaaca attatttggt ttttcttaa gtgaaagaat ggggtgggatc 120  
 caaggaatca aagcagtaga tggacaaacc aggagcatcc ccgagttatt ttcaggaaac 180  
 agagcaacaa aacacaaagg tacaatttcc aatcaaggaa ttcttccaac aacttaactt 240  
 tagctaattc cagggtattcc caagccctcc ctttcggtgg aaaagtatga cttatcactg 300



caaaccatt	actccactac	aataaacacc	ttagaacaga	gttttgaatc	acgtctgtct	360
acctgaaagc	tcaggggtg	aatgaggcaa	ataccacaa	aaacaaacac	aaaaaccga	420
caacaaaatg	cctcaagtga	ggacaaaggt	ttctcagaaa	gtgcctgtac	tggaaaggct	480
agatcgtaaa	acattaaata	caactgtgta	tccaagaccc	agtttgtgtt	attatatggg	540
ataaccagggt	agttttaacc	tctatggcta	accccatctc	tctatttata	tagacagagc	600
tagcactgct	atattgacaa	ctaccaatat	actgctttgc	cctttaagat	ctatctgcca	660
cacaaggctt	aaaccactaa	accaggtttt	tctactaagg	ctaagaatac	tgcatctatg	720
cagggatgag	aagcttatca	cacacccaca	cactcacacc	atgtcagccc	ttgggagcca	780
acttccaact	ctgcattgat	gttatgcctc	tctatctttt	atacgtattc	tttctcaatt	840
ttcctatcat	gcaaaacagt	aaaaaatctc	aacacattca	cacctgattc	tggttaccca	900
gtagtattac	ttgtgtgcaa	ttaaacaaga	gaccaaacc	acagaacaag	tgcacgtggt	960
agggattaca	gggtagggaa	cagatataaa	aacacagatg	tgacagattc	accagaaacc	1020
tcaaggatcc	acatcccatg	tctggggcag	agggtctattg	gccagcttag	gtcccttcac	1080
ccatcactcc	tattcttggg	ccccaaagca	gggccactgc	ttttactttt	gaacctggg	1140
tcctcaaaat	gagtgtgtga	aaagtccata	aatgcaatct	ggttgaaaac	agatgacgca	1200
acacacctac	actaactgtc	tgacagttaa	attcgtgtta	caaaaaacta	actttaagat	1260
ttatttttgt	aacttttttc	aacagggaaa	acaacacact	cctcagggaa	aggtgagggg	1320
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cagaccagtt	cacacgccac	gcaagggtgc	tatagatcca	agtcataaaa	atcttccagc	1500
tcatcatgaa	acaagtccca	ctcatcttca	gagtctgtta	gttcgtcgtc	cccacctgca	1560
gccaaaagca	taagcaacat	ctcgcccagc	tcaaagggtga	caacctcttc	ttcatcggtt	1620
tcaaaggggt	tgctgttctc	tctttcctca	atgagttccc	agaagtgggt	ccttcgttgg	1680
gcccggtatc	tgcttgatgt	tcctactttc	tgtctctgtg	gtcctctct	acggccatca	1740
gggtacgcat	gcttgtaaaa	acagttccct	ccaaatgggc	agctcccacg	tccttcatca	1800
aaatacctgc	acgccttggt	gtcattgcc	tccttgatt	tcagaatgag	tttctgcttc	1860
tcttctttct	cctccacca	gtactcaact	ggaatgacaa	agttagatgt	gatccggcat	1920
tctgggcagg	actttatgat	cttgccttca	aattgcttag	cactcctcca	cttgcgatg	1980
cacttgagac	agtaggtgtg	gttgaggtg	gagaggatcc	cgaagcggcg	ctcactgggg	2040
ttggctttct	catagaccac	ctccatgcag	atcccacaca	ccatgtcctt	gctgcgctgc	2100
acggcaaatg	agagctccat	gtccttctca	tgggcctcaa	tgacagattt	gatatgctgc	2160
gatctctggg	cagcatccat	tggatgcagg	acctgcagcc	cacacatgtc	acaagaatct	2220
ccgtggagat	acacacagtt	ctccccgtat	cggcactctc	ccactgcagc	ataggggcac	2280
agctgcttct	ttgtctccac	ggcggtttgc	tctttctctg	attcttcctt	ggtcactgag	2340
ccctgcaggg	gtgcttcagt	gcaggaaggc	gcagtaaggc	cacagtaggg	ttgccaggga	2400
acaaactcaa	tagcattcac	ccagtcctct	gaacctgctc	ctacagttgc	aaagtttgaa	2460
tttcttgact	cagcttcgcc	tgtattcatt	tcaacaagtg	gtccaactat	cgatgagaga	2520
cttgaggaag	cagcaaggga	tgactttgta	gttagctctg	tagcagttgc	ttcttctgt	2580
ttcaatgggt	tgctatgttc	atatctgcag	cggctctccat	aaatacagta	ccctcgctga	2640
aaatacttgc	acactacact	atacgactg	tcagagaggt	catgcgagta	gcgacagttg	2700
tctccttct	tacaaacccc	atgcataaaa	tacctgcagg	tgacctgttt	agtccagccg	2760
ccgcgcgtgc	cgtcgctgcc	gccgccccct	ccgccgcgcc	ccagggacgg	ggcggtgact	2820
gtggggatcg	gggtggggga	ggctgctgcc	gccgtgcgcg	ctgcgcctcc	tgctcctgat	2880
gttgtggctg	ttgttcgggg	agttgcagcc	tccgccatta	ctgtttatcc	cacacagcaa	2940
aggccccgga	acttccggga	tcacatagtt	ccggtccggc	tgccggggaga	ggacggcgag	3000
gccaggcgag	gggaggggaa	ggacactgag	gcacccgttc	g		3041

<210> 7092

<211> 1467

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1332)...(825)  
 <223> similar to gi3193191 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7092

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ccagggcctg	tagtgatgag	cttcccagga	atagaccaac	acacaggcag	gagtggccca	120
gacagacaag	tagatagaca	gacagacaga	gggacaagaa	aacaaccaag	tgggtaagag	180
gcccaggcca	ggctcagcag	ctgtgtccag	gcatcagctc	cagctctgct	ctggggaact	240
ggtggaggag	aagggtctggc	cggggcctca	gtccttacag	ggctccttct	cctcatgccc	300
tactatccct	catccagcct	gctgggatcc	ttggcagggtg	gaattcccag	ggctatggat	360
ggctgggctg	agtgagcaga	ggatcgaggc	tcttgagagc	tccctgggga	ggtggaggcc	420
tgggtggtgt	ggggtagca	gcagcactgg	ggggaatctg	gtcaagttcc	aggatggggc	480
cactgctcag	cagggccctt	gtgtccaggg	caggccctcc	acctgcccac	cacaccaaca	540
tgggtgcaata	aataaagttt	caagtagtaa	gtcagtgtca	agcaggagag	ctgcaggctg	600
gcagacaggc	agggactgag	aaagagaagc	ctccagccac	ccaccatata	tgctcagtgg	660
gctcaagcgg	tgcgaagtct	gtcttgtgca	ctggagtggg	tgtctggccc	tgatgtccca	720
tgagcactcc	ccgcaggggc	tcagccccctc	acaccagcgc	cagagcctgc	tcggtggggc	780
agaagcaggg	caacatggtg	cccacagcgt	ccacgatggc	tgccagggtgc	tcgtcctgcg	840
cctgaggccc	acagagctgc	atgacgtccc	gcacacgcag	caagtattca	aggttgtggc	900
cggagaagcc	ccggcaggcc	aggatctgcg	tggcaatggc	ctcttcaggc	gcaggggcca	960
ggtaaccagg	gttctgtggg	gtggccacat	aggccaatgc	cttcagtggg	tggtcaggag	1020
catcttgggg	atagaaggtg	acctccttgg	tatcgtagcc	accaagcaat	gcctctcgca	1080
cattcaggta	cttcaggggc	ttgcttacct	gctccccctt	cacttggtat	gccacgcccc	1140
aagtgcagcc	ctcatgatct	tcaaggagcg	tcaccacacg	gccaggcatc	ttgtcgctgc	1200
cccgatggaa	ggtgtctccc	tgccagaaac	ggcggctgta	gccgcgcacg	aagcccacac	1260
ggctgtcgct	gtaggcgaag	tcgggcctcc	acaccaggga	gccgtaccgc	aaaatccaca	1320
gcgcttgagg	gtcgcggacg	cgggctcgac	cgggaatccg	gacggttcca	aagggtatcg	1380
atgggctccg	accgttagcc	ttacagagcc	tatcgataga	taccgcgacc	tcctcatcgc	1440
tcaagtaccg	tgccattacg	tagagac				1467

<210> 7093  
 <211> 3252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (80)...(941)  
 <223> similar to gi551638 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7093

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acactggacc	ggcagcgcca	tgagactcct	ccccgccttg	ctgctgcttc	tcttactcgt	120
gttccctgcc	actgtcttgt	tccgaggcgg	ccccagaggc	tcgttagcag	tggcacaaga	180

tcttacagag	gatgaagaaa	cagtagaaga	ttccataatt	gaggatgaag	atgatgaagc	240
cgaggtagaa	gaagatgaac	ccacagattt	ggtagaagat	aaagaggaag	aagatgtgtc	300
tggtgaacct	gaagcttcac	cgagtgcaga	tacaactata	ctgtttgtaa	aaggagaaga	360
ttttccagca	aataacattg	tgaagttcct	ggtaggcttt	accaacaagg	gtacagaaga	420
ttttattggt	gaatcccttag	atgcctcatt	ccgttatcct	caggactacc	agtttttatat	480
ccagaatttc	acagctcttc	ctctgaacac	tgtagtgcc	ccccagagac	aggcaacttt	540
tgagtactct	ttcattcctg	cagagcccat	gggcgagac	ccatttggtt	tgggtcatcaa	600
tctgaactac	aaagatttga	acggcaatgt	attccaagat	gcagtcttca	atcaaacagt	660
tacagttatt	gaaagagagg	atgggttaga	tggagaaaca	atctttatgt	atatgttcct	720
tgctggctct	gggcttctg	ttattgttgg	ccttcatcaa	ctcctagaat	ctagaaagcg	780
taagagaccc	atacagaaa	tagaaatggg	tacatcaagt	cagaatgatg	ttgacatgag	840
ttggattcct	caggaaacat	tgaatcaaat	caataaagct	tcaccaagaa	ggttgcccag	900
gaaacgggca	cagaagagat	cagtgggatc	tgatgagtaa	atgttccttt	gtgcaacaat	960
tcgggtcttta	cttaacctgc	cctaataatt	ttcggcctga	tgggaattag	tgcagagaag	1020
ccatgtcacc	atagaaggca	actcctactt	gtgtgtggac	tgagcaatca	gagtctgtgg	1080
cgataatatt	gctgaaaatg	cactgcattc	atttttctaa	agtaacaaat	ttgggtttttt	1140
tttaaaccat	taaaatctat	gtgtgtgcgt	gtgtatgtat	gtgagcagtt	ggtcttacca	1200
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cttccttttt	gacattttct	gatttttttc	ccccaaaact	cagttaatat	ttaccacta	1320
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aaaggcgagaa	gcagaagtag	ctgcttttta	gcaatagaat	tgtttcagta	ttttgctgct	1500
gtttaatgcg	catcttcaga	aaacttccca	gtggcttcaa	ggaatttggt	gatctctctg	1560
gcaacaaatt	gtgaaacatg	aaatttctgc	tgactttaat	atatgaaacc	taatcctacc	1620
ccctttttta	acaaaaagaa	actagtacat	ttgtgaaaat	tgtgttgtgt	tgtccattgt	1680
tgctctagtt	ctgaccaga	ggtagctctg	gagtgatatt	agacctactc	actcagttgt	1740
gtgtagggtt	ttttgttttg	ttttgagaga	gaatttttct	ctccttaata	gaagcatcct	1800
ttttaagag	aagttgcctt	ggtccacaca	ctaagcagaa	aaccaagtta	tcaggacaga	1860
gatatttccc	agttactcct	aatcaatgaa	gaaagtgagt	tggaattttt	taaagcagtt	1920
aactaatttt	ttcttaccta	atcttttggg	agttttgctt	gttgatataa	ccttttttagt	1980
taacctgaaa	gattccaaaa	attgttctta	agtgttgtag	actggaacca	aaattaaatt	2040
gtacttcata	aaatcctctt	atagagttac	tcttgcccta	gattgtaaat	taagtttggc	2100
attattgtca	gactggatgg	agggtgaagt	aaaatagtat	gaacaattaa	gaggctctcc	2160
ccctcttgtc	tttaagccat	attctcctac	atgtatttta	taagaaaatg	ttaagtcaaa	2220
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gctcatgccc	acacagacaa	aaaaacaaaa	cgaatacac	acagaaaaaa	gtctttccaa	2340
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atatctgtaa	tataaagtgt	ttgagttttt	aattgggctg	ttatgatcag	tagttgattt	2520
tgagaaagct	ctatgagctc	taagtaactg	catgggtttt	tgtttaatgt	aatataggag	2580
acccttcaca	ttccaagga	atatattcca	aaacattttt	gtgaatatct	aagtttgtga	2640
aactactagg	gcatgatata	gtaagggtga	attacagaat	ttacgaaatg	taaatgacct	2700
ctacagagtt	ttatggaata	cctggtacta	acgtaggcag	ctgcaaaacc	acactgagtt	2760
acagctgtca	gccctcctca	ttcctaaata	acttgccctt	catatcagcc	ctcccacttc	2820
tgaagttcaa	attagtgcct	cggaaatgta	gaatttatta	tttgtcattt	tttttttttt	2880
agcatagatt	gagaacagtt	gaactcttaa	atcctcagat	gccaggggtc	tgtcttagcc	2940
atcagtaagt	atttaggcag	aaacctaac	ccgtaatgaa	tggaaattcca	tttccacaca	3000
ttgggttggt	caagcacact	taataagtag	ccctattttt	taaatgtcct	tttaaaatgt	3060
aaatatattg	atgaagtttt	tctttgtttt	gatataattca	tttgctacac	cgaactatgt	3120
tttcagaatt	catcttttga	acaacttggt	ttcagaatat	gtaaaatgac	tttaaggatc	3180
ttgtgtatca	aacctatccc	cggatgtgtg	agaataatgt	gttcataaag	catggatttc	3240
ccaaaaaaa	aa					3252

<210> 7094  
 <211> 4514  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (39)...(2120)  
 <223> similar to gi5911842 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7094

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cccaagaaga	aggaaaagaa	atgtttgcga	ccatgtcaaa	gctcaaagag	cagctaacca	180
agggtcaaaga	atgttactcc	ccactccttt	atgagtctca	gcagctgttg	attccgttgg	240
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tcacagttct	tgagcgtgag	gcacaatcga	gtgccctttt	taaacaaaaa	catcaggaac	360
tgttagcttg	tcaagaaaac	tgtaagaaaa	ccttgacact	tattgagaaa	ggcagtcaaa	420
gtgttcaaaa	gtttgtgacc	ttgagcaacg	tgtaaagca	ttttgatcag	acgaggctac	480
aaagacagat	tgcagatatt	catgtttgctt	ttcagagtat	ggtaaagaaa	actggagatt	540
ggaagaagca	tgtggaaaacc	aacagtcgct	tgatgaagaa	gtttgaggag	tctcgagcag	600
agttggagaa	ggtagtgagg	attgctcagg	agggcctgga	ggaaaagggg	gatccagagg	660
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ctggaacctg	tcacgtgact	ctcaaagagc	tcagagctgc	cattgacagc	acctacagga	1140
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cttgatatc	tacaaatgag	acacaattaa	aggggatcaa	gggtgaggcc	atcgatactg	1260
ccaaccacgg	agagggttaa	cgtgccgttg	aagagatcag	aaatgggtgt	accaaagggt	1320
gtgagacctt	cagctggctg	aaatccaggc	tgaaagtgtt	gacagaagtt	tcttctgaga	1380
atgaagccca	aaagcaggga	gatgagctgg	caaaattatc	cagctctttc	aaggctcttg	1440
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aagaaatagt	caaaaattct	ctcgaagaat	taatttctgg	ctctaaagaa	gtccaggaac	1560
aagctgagaa	gatcttggtg	actgaaaatc	tgtttgaagc	acagcagtta	cttcttcac	1620
accagcaaaa	gacaaagcgg	atctcagcaa	agaagagaga	tgtgcagcag	cagatcgctg	1680
aggcgagca	gggagaaggg	gggctgcctg	accgaggcca	cgaggagctg	cggaagctgg	1740
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cattaagaaa	atgggagcga	tttgaaacaa	acaaagaaac	agtagtaaga	taccttttct	1860
aaacagggtt	cagtcattgaa	cgcttcttga	gttttagcag	tttggaaggt	ttatcttcag	1920
aactggaaca	aacaaaggag	ttttctaacc	ggacagaag	tattgcagtc	caggctgaga	1980
accttgtaaa	ggaagcttca	gagataccgc	ttgggcccc	aaataagcag	ctgcttcaac	2040
agcaggccaa	gtcaatcaaa	gaacaagtca	aaaaattaga	agacacgctt	gaagaagagt	2100
atgtgattga	caagtcctaa	actttcttct	ctgagataaa	gtttcataca	atctttcctg	2160
taccttgat	tcaaaacact	cttttaaaat	ctcaaagtgt	ctgtgtatct	cagcatgttt	2220
tgaggaaaca	actcacagtt	caaaagaaag	tatcgcta	acagaaacca	atatctataa	2280
cagagcccaa	aaaatataaa	ggatgtgggt	tttgcatctt	aaactgatca	tgttcatgag	2340
aaagccatat	ctattctatt	ctgtggcctt	tgtacattgt	agaggggaatc	ttgaaaaaga	2400
actaatat	aaaataat	ttttactata	ttattctgct	gtcaccattt	agagcgaaaa	2460
ggagatat	ttgtagtgt	gattccaggc	ctaaatacac	atcacataga	ccatatatct	2520

[illegible]

```
<210> 7095
<211> 533
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (57)...(479)
<223> similar to gi34194 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7095						
agagagagaa	ctagtctcga	gttttttttt	tttttttctt	ttttccggcg	ttcaagatgt	60
cgaagcgagg	acgtggtggg	tcctctggtg	cgaaatccg	gatttccttg	ggtcttccgg	120
taggagctgt	aatcaattgt	gctgacaaca	caggagccaa	aaacctgtat	atcatctccg	180

tgaaggggat	caagggacgg	ctgaacagac	ttcccgcctgc	tgggtgtgggt	gacatggtga	240
tggccacagt	caagaaaggc	aaaccagagc	tcagaaaaaa	ggtacatcca	gcagtgggtca	300
ttcgacaacg	aaagtcatac	cgtagaaaaag	atggcgtggt	tctttatattt	gaagataatg	360
caggagtcac	agtgaacaat	aaaggcgaga	tgaaagggttc	tgccattaca	ggaccagtag	420
caaaggagtg	tgcagacttg	tggccccgga	ttgcatccaa	tgctggcagc	attgcatgat	480
tctccagtat	atttgtaaaa	aataaaaaaa	aactaaaccc	attaaaaaaa	aaa	533

<210> 7096

<211> 1643

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(1274)

<223> similar to gi4572583 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7096

agggctcgacg	atttcgtgct	gaaggctcgg	ttcatgccgt	gcccccgggc	agttctggtg	60
aggctaagca	agaggcctct	gcatcttgac	acctaggaga	gcagggacgg	agtctcccag	120
ggtggaggac	catgctgcgc	cgcaagccct	ccaatgccag	tgagaaggag	cccactcaga	180
agaaaaagct	ctcccttcag	cgctccagca	gcttcaagga	ttttgccaaa	tccaaaccca	240
gctcccccg	ggtgagcgag	aaggagttaa	atctggatga	taacattcca	gaagatgact	300
caggtgtccc	caccccagaa	gatgctggga	agagtggcaa	aaagctgggg	aagaagtgga	360
gggcagtgat	ttcccgaaac	atgaacagga	agatgggcaa	gatgatgggtg	aaggccctgt	420
cagaagagat	ggcagacact	ctggaggagg	gctctgcctc	cccgacatct	ccagactaca	480
gcctggacag	ccctggccct	gagaagatgg	cgctggcctt	ttctgagcaa	gaggagcatg	540
aacttccggt	gctcagccgc	caggcatcaa	caggcagtga	gctctgcagc	cccagcccag	600
gttctggcag	cttcggggag	gaaccacctg	ccccccagta	cacagggcct	ttctgtggcc	660
gggcacgagt	ccacaccgac	ttactccca	gcccctatga	ccacgactcg	ctgaaactgc	720
agaaaggaga	tgtgatccag	atcattgaaa	agccacctgt	gggcacgtgg	ctgggcctac	780
tcaatggcaa	ggtgggctct	ttcaaattca	tctatgtgga	tgtgctgccc	gaggaggccg	840
tggggcatgc	ccgccccagc	cgccgacaga	gcaagggcaa	gaggcccaag	cctaagaccc	900
tgcattgagct	gctggagcgc	atcggcctgg	aggagcacac	atccaccctc	ctgctcaatg	960
gctaccagac	actggaagac	ttcaaagagc	tgcgagaaac	acacctcaat	gagctgaaca	1020
tcatggatcc	acagcaccgg	gccaaagctgc	tcacggccgc	cgagctgctg	ctggactatg	1080
acactggcag	tgaggaggct	gaagaggggc	ccgagagcag	ccaggagcca	gtggcacaca	1140
cagtgtcggg	acccaagggtg	gacatcccgc	gcgactcagg	ctgctttgag	ggctcggaga	1200
gcgggcgcg	tgacgcagag	ctggcaggca	ctgaggagca	gctgcaaggc	ctctccctgg	1260
ccggggcacc	ttgaggtggc	ggtggcaata	ggccagggtc	gggacccagc	tgcaaaggct	1320
gtaggagtgg	gcccagcctc	ccgtgggtggc	ccaggccctg	aggactggca	ctgagcctgg	1380
ccctgcttcc	ccagggacac	ttaggggccac	agaggccagg	ccagggccct	acaggttcca	1440
ggctcagctg	gagtggttgg	ggagtcgccc	aagggcacat	cccacctgcc	tgagccccgc	1500
cctccaccag	cgactgacag	cgcagccctt	cctggcacca	actgctcccc	tgccatggcc	1560
acggccacag	caagtggggc	actgggaaac	cctgcccattg	tccctcacca	acaaggccctc	1620
caaatcctcc	tcacccccac	acc				1643

0940336.013100

<210> 7097  
 <211> 633  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (59)...(503)  
 <223> similar to gi455996 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7097  
 acgcggggac acttttcttct gacataacag tgttcactag caacctcaaa cagacaccat 60  
 ggtgcatctg actcctgagg agaagactgc tgtcaatgcc ctgtggggca aagtgaacgt 120  
 ggatgcagtt ggtgggtgagg ccctgggcag attactgggtg gtctaccctt ggacccagag 180  
 gttctttgag tcctttgggg atctgtcctc tcctgatgct gttatgggca accctaaggt 240  
 gaaggctcat ggcaagaagg tgctagggtgc ctttagtgat ggcttggtc acctggacaa 300  
 cctcaagggc actttttctc agctgagtga gctgcactgt gacaagctgc acgtggatcc 360  
 tgagaacttc aggctcttgg gcaatgtgct ggtgtgtgtg ctggcccgca actttggcaa 420  
 ggaattcacc ccacaaatgc aggctgccta tcagaagggtg gtggctgggtg tggctaatac 480  
 cctggctcac aagtaccatt gagatcctgg actgtttcct gataaccata agaagaccct 540  
 atttccttag attctatatt ctgaacttgg gaacacaatg cctacttcaa ggggtatggct 600  
 tctgcctaataaagaatgtt cagctcaact tcc 633

<210> 7098  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (32)...(486)  
 <223> similar to gi513467 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7098  
 ctttcccgag cttggaactt cgttatccgc gatgcgtttc ctggcagcta cattcctgct 60  
 cctggcgctc agcacgcgtg cccaggccga accggtgcag ttcaaggact gcggttctgt 120  
 ggatggagtt ataaaggaag tgaatgtgag cccatgcccc acccaaccct gccagctgag 180  
 caaaggacag tcttacagcg tcaatgtcac cttcaccagc aatattcagt ctaaaagcag 240  
 caaggccgtg gtgcatggca tcctgatggg cgtcccagtt ccctttccca ttcctgagcc 300  
 tgatggttgt aagagtggaa ttaactgcc tatccaaaaa gacaagacct atagctacct 360  
 gaataaacta ccagtgaaaa gcgaatatcc ctctataaaa ctggtgggtg agtggcaact 420  
 tcaggatgac aaaaaccaaa gtctcttctg ctgggaaatc ccagtacaga tcgtttctca 480  
 tctctaagtg cctcattgag ttcggtgcat ctggccaatg agtctgctga gactcttgac 540

```

agcacctcca gctctgctgc ttcaacaaca gtgacttgct ctccaatggt atccagtgat 600
tcgttgaaga ggaggtgctc tgtagcagaa actgagctcc gggaggctgg ttctcagtgg 660
ttgtctcatg tctctttttc tgtcttaggt ggtttcatta aatgcagcac ttggtttagca 720
gatgtttaat ttttttttaa caacattaac ttgtggcctc tttctacacc tggaaattta 780
ctcttgaata aataaaaact cgtttgtctt gtcttctgcc 820

```

```

<210> 7099
<211> 869
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(825)
<223> similar to gi433899 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7099
cccacgcgtc cgcccacgcg tccgcgcgcg tggatgaacag gacccgctgc catgggcccgt 60
gtgatccgtg gacagaggaa gggcgccggg tctgtgttcc gcgcgcacgt gaagcacccgt 120
aaaggcgtg cgcgccctgc cgccgtggat ttcgctgagc ggcacggcta catcaagggc 180
atcgtcaagg acatcatcca cgacccgggc cgcggcgcgc cctcgccaa ggtggtcttc 240
cgggatccgt atcgggttaa gaagcggacg gagctgttca ttgccgccga gggcattcac 300
acgggccagt ttgtgtattg cggcaagaag gccagctca acattggcaa tgtgtccct 360
gtgggcacca tgcctgaggg tacaatcgtg tgctgcctgg aggagaagcc tggagaccgt 420
ggcaagctgg cccgggcacg agggaaactat gccaccgtta tctcccacaa cctgagacc 480
aagaagaccg gtgtgaagct gccctccggc tccaagaagg ttatctctc agccaacaga 540
gctgtggttg gtgtggtggc tggaggtggc cgaattgaca aacctatctt gaaggctggc 600
cgggcgtacc acaaataata ggcaaagagg aactgctggc cagcagtagc ggggtgtggc 660
atgaatcctg tggagcatcc ttttgagggt ggcaaccacc agcacatcgg caagccctcc 720
accatccgca gagatgcccc tgctggccgc aaagtgggtc tcattgctgc ccgccggact 780
ggacgtctcc ggggaaccaa gactgtgcag gagaaagaga actagtgtg agggcctcaa 840
taaagtttgt gtttatgcc aaaaaaaaa 869

```

```

<210> 7100
<211> 1021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (205)...(944)
<223> similar to gi23114 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 7100
cggaagtggc gatcggagcg gaagtggagc taccgccacc gccgccgccg attccggagc      60
cggggtagtc gccgccgccg ccgccgctgc agccactgca ggcaccgctg ccgccgcctg      120
agtagtgggc ttaggaagga agaggatcatc tcgctcggag ctccgctcgg aaggggtcttt      180
gttccctgca gccctcccac gggaatgaca atggataaaa gtgagctggg acagaaaagcc      240
aaactcgctg agcaggctga gcgatatgat gatatggctg cagccatgaa ggcagtcaca      300
gaacaggggc atgaactctc caacgaagag agaaatctgc tctctgttgc ctacaagaat      360
gtggtaggag cccgccgctc ttccctggcg gtcactctca gcattgagca gaaaacagag      420
aggaatgaga agaagcagca gatgggcaaa gactaccgtg agaagataga ggcagaactg      480
caggacatct gcaatgatgt tctggagctg ttggacaaat atcttattcc caatgctaca      540
caaccagaaa gtaagggtgt ctacttgaaa atgaaaggag attatttttag gtatcttttct      600
gaagtggcat ctggagacaa caaacaacc actgtgtcga actcccagca ggcttaccag      660
gaagcatttg aaattagtaa gaaagaaatg cagcctacac acccaattcg tcttggtctg      720
gcactaaatt tctcagtctt ttactatgag attctaaact ctccctgaaaa ggctgtagc      780
ctggcaaaaa cggcatttga tgaagcaatt gctgaattgg atacgctgaa tgaagagtct      840
tataaagaca gcactctgat catgcagtta cttagggaca atctcactct gtggacatcg      900
gaaaaccagg gagacgaagg agacgctggg gagggagaga actaatgttt ctcgtgcttt      960
gtgatctgtt cagtgtcact ctgtaccctc aacatatatc ccttgtgcga taaaaaaaaa     1020
a                                                                    1021

```

```

<210> 7101
<211> 950
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (947)...(621)
<223> similar to gi4769004 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7101
cggttttacc attttaacaa agcttctctc tgtgcccaaca tggatgccac ttagtcctcc      60
agaagccac agtacagagg aggaaagttc agagtagaga gacaacttgg ccaagattgc      120
catcagtacc caagctgttg aaccaggact cagaactggg tttgatgact gaatcccaca      180
ttcttccctc ttccagctgc ccactgctgt cacacaggag aaagaagggc tgactgctgt      240
tttcgggagc cggatgatca cactctgcct tgagctgttg gattcctcgt ccactaagggt      300
gatgcgctcc agaggacaac ccttgctctg gccccgatga acaaacattt cactttcaaa      360
agctgagttt tcagccttgg agggggagac ttcttcattt atgttcactt tgttcacata      420
caccaagaga gagcatccgt tccagaatcc aactggactt tatttgacac agaatacaat      480
atggctacag aaacagcaaa ctgaaaaaac aaagcagaaa aaaacacagt tccatccaat      540
ttgtaattag gtaacagcag ggaaagtcat taaatgaata acaaaaacaa taagcttgat      600
ggaagaagtc ttttcctagt gcccatactt ttggaattcc cactctctgt tgtccaatgg      660
acacacctgt cgtgttttga gccagcgaga gatgcagtgg aagtgaaaag catggttaca      720
gactccccat gcgacagtac actcttctga agtagcggac gcctgggttag cttgacattc      780
tatgcaaaga tccataatgt ggttcctgca gatggcacag ttatcaacca caatatccca      840
ggcccagagg gctactgcat tccacttttt cacttcaaag cgcttcttgc ccgcgcgcgt      900
gttggtgccg ctcggggtat ccacatccat cgctgccgcc attttggaat      950

```





agatatttta	atactacagt	gaaaaggcat	cttaatat	tttttaaaaa	catctgaagt	720
aatccgctaa	gattaagtgt	gtaaaaaaa	aattcaattc	cctttgaggg	cactttgtcc	780
tttgaagaag	ggaaagtggg	gcggggaggg	cacggggccc	accggttaat	gcttcagcca	840
cgggtgggct	tcaatggaag	ccttgctgcg	gtcccatag	tcatacagga	gctcctcccc	900
agccgcgatg	tctcgggagg	cgatgaggat	gaggtagggt	acgccgtcga	tgtcgtgcag	960
tttggttttg	cagttcccac	atttgctgtg	attgatcagt	cttcctaggc	gatttgtctc	1020
tctagttgca	tccacgcagt	aggttttgc	cagatactga	aaatagtaca	tgtagcagcc	1080
cgtggaagg	tcctgtgcgt	acagagcctc	ccgtttcttg	gcgtcgggtga	tctcgatgag	1140
gtccccgtgg	tattccacca	caaagtcacc	ccgggagaac	tgcttggtgg	caatcacacc	1200
cctgcctttg	ccatcgatga	ggtcaatctt	cattccttct	tccttccac	tttcaatcaa	1260
ttcatctatt	cttttccctt	cttcagactg	cagctcggct	ttgctcttcc	tggagctcct	1320
tcggacagg	tagaaatccg	taagtttgcg	attctgttgc	gtttttcctt	gagctttttt	1380
tcggggggcc	tgtttgccct	tgatgggctt	tttcagggct	tgcttggcga	tggctgcatt	1440
ggtggaatca	caagatgagg	gtggagtttt	tggaggttct	gctgcttcag	atttttggtt	1500
tggaaaagg	accaggggac	ctttcctggc	gtctttgatc	ttctgttcc	cggacttcat	1560
ggcgctccgt	actgcgttcc	cagcatttct	tttctcttct	cgtttctctg	agattccggc	1620
taatggtttc	ccctggcatt	tgacttcgtg	atgtgtaact	gagttctctt	cctgaagggg	1680
gaaacgcatt	ccagagcatt	tgttcgggct	catgtaggaa	tagatctttg	actgcatgca	1740
cgggaagcac	aaacgttc					1758

<210> 7105  
 <211> 3834  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3738)...(387)  
 <223> similar to gi312142 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

atatttttaa	ttcccttgaa	agtctcatat	acaccactaa	gtagtcacat	tcacaaaactt	60
aattttttata	aattcagcag	cagtcttagg	aatcctagga	gaagaagaac	tccataaaaa	120
tgcaactgta	atagtcagtg	agagaggtga	atttttatgg	agttcttctt	ctcatatata	180
ccactaagta	gtcacattca	caaacttaat	ttttataaat	tcagcagcag	tcttaggaat	240
cctaggagaa	gaagaactcc	ataaaaaatgc	aactgtaata	gtcagtgaga	gagggtgaatt	300
tctgctccat	tcaatagtcc	aggtcttcat	caaggatatct	taaaggctga	actcactggg	360
ttataaattc	ccattttcct	tttcagtggtg	gtcagaatg	gcctcctgag	gaattcatta	420
ggtccagatc	atctgcattc	aggcaagaat	tcactctccg	gtattgaatt	tgggtggacta	480
agttctctcc	tcttgaggaa	actgcaagcc	gctgtctctg	tcttcgcttt	ttagtcaaga	540
agaataatgc	gacgaaaatg	gccaacagaa	caaccccaag	gatcccgact	gcaataaagg	600
atgactgacg	ggatgagcga	cctgtttgtg	ctttttgtgg	ggttttctgc	actgaaatat	660
ctgtgcaatt	cactgcagcg	tcttccttgt	gcccacactc	actatggccc	cagcgtctgg	720
caggacaatc	ccacaaggaa	gactcattcc	ctttgcactt	cacttcattg	agccatatcg	780
gtccagtcct	ctgaccaaac	tctgcttctt	tgaatgcttt	caaagctgga	ccacagccaa	840
gttggttgaca	caccacctga	gcacgttcca	agtcccaaga	gtcatcacac	actgtcccc	900
aggaacctcc	atgccagatc	tccacacgtc	cagaacagga	agtgggtcct	tcctgaagtc	960
ttatcttgtt	gtcacatgtg	atccaggtct	cctccgaggg	gctggccagt	ctcttctccc	1020
atggagatga	tgggcaactgc	cacagcgtgt	caggtccttt	tggacactga	acattgtcca	1080

cccacatggg	aatggacatg	gccttgctcta	aagatgcagg	gttgattttc	cctttgtctg	1140
cacagccca	ctgcctgcac	accacaccca	cagtggtttc	agacatgcta	ctcttgccaa	1200
cagtgcacca	agctccattg	taaaaaactt	ccagacgccc	tgacaggcc	tctctgctgg	1260
cttcaactgt	cagtctcaga	gacatgaatt	ctgagcagat	aactcccgca	tctccttgt	1320
gcctgcaatt	ttgctgcccc	cagccgtgtg	aatggcactg	ccaaatgcgg	gattcttttc	1380
cattgcattt	catctcatcc	agccagatgg	gccctgttcc	ttccccaaaa	tgagcagaac	1440
cagtggcatt	aatggcctct	ccacagccca	gctgtctgca	aaccacgtgg	gcatacactca	1500
ggccccagct	gtcatcacag	atggtgcccc	aggagccctc	atgatagatc	tctactctcc	1560
cagcacagcg	acctcctcca	tttaccaggc	gaagttgacc	actctctatg	caggccacag	1620
cactttcttc	tggaatggta	ggccttggtg	ggcccaaaga	cgatgaattg	cacgaggaca	1680
gtgtttggga	ctgggttcct	gagcagatta	cagaggccac	ttgctctgaa	ggacataatg	1740
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acatatgcct	ccagatctga	ccatttcctt	ttccaaaacg	tgctcctcct	ggggtagaaa	1860
gggcaactcc	acatttaagc	tgctggcaaa	gaacatgggc	atcttctatg	tcccagtgag	1920
agttacagag	ggatccccag	gcaccaagcg	ttttgagctc	cactctgccc	tcacacgggg	1980
tcttgccatt	caccaagcga	atttctgtgt	atcttgagca	gactactcca	acatccctgc	2040
tgtggctaca	agttccttct	gggcggggtg	ctactgggca	gagtgaaaga	tgggactcat	2100
gtccctcaca	ctggaattct	tcagcccaga	tctgtccatt	tccctctcca	aagtgagctc	2160
ccccaggat	agagacaact	gtgccacact	gtaattccct	gcatagaacg	ctggcagctt	2220
ccagagagaa	gtccgaatca	cagatggagc	cccacgtgtc	accatgcttc	acttcaacac	2280
gtccagaaca	gggaatatgtc	ctccaacca	gtctgggttc	cctgtggggt	gagcaggtaa	2340
ttttgcttc	ttcatatgta	tcacaggtaa	gtccacccca	ttgccagttc	ttgcagtccc	2400
aaagagaagt	ttcattttcgg	ttacagctac	ttagaacacg	ccatgtgttt	gttgctgtga	2460
ttttggagta	cacttgataa	gatgttttga	gtgcagatcc	acatccgagc	tgctgtcaaa	2520
ccacatcagc	ttctttcagt	ccccagcctc	tgtcacacac	cttccctaac	agtccttgaa	2580
tctccacctc	aactgtccca	gcacagcggc	tgccctccacc	tctaagtctt	agctccagat	2640
ctgatccatc	agaacatgtc	acgccagcat	cttcattgtg	attgcaataa	tgctttcccc	2700
attcatggtg	tttacattgc	cagacagcag	gttcatgtcc	ctggcaagaa	acgctgtcaa	2760
gccagatgtg	tccaaatccc	ttactggcgt	taactcgacc	aatggctgtg	acggcagttg	2820
gacatcccag	ttgcttgcat	gccacagcag	catcgtaact	gtcccagccg	tcatacacata	2880
ttgtcccca	ttctccttgg	aatctcactt	ctaattcttc	tgaacattca	gtgactccat	2940
ctaccagtct	caggctcaga	tctgtctcct	ttgagcaaat	cactccagca	tctcagcat	3000
gatcacagtt	atgctttccc	catccttgat	gtttgcagtt	ccagagagct	gactcatttc	3060
cgttgcatat	aagatcatca	aaccagattg	gtccagagcc	ttctccaaaa	ttagatgaac	3120
cagagaaaact	gacagcactt	ccacattcaa	gttgtctaca	aatgacagat	gcatactcta	3180
tgttgaagtt	atcatcacac	actgttcccc	accgtccttg	gaatttgatc	tctattcttc	3240
cagaacacat	attccctcca	cgcgtcagcc	tcatttccaa	attggatcca	tctgagcagg	3300
tactccagc	atcttgttgg	tgagtacagt	tactatgctt	tccccatcca	tcatgtttgc	3360
aatcccaaag	agctgactca	ttcccacgac	aagaaacatg	atccatccaa	atgcgtccag	3420
aacctgcact	ggaattagcc	catccagggg	ctttgatagc	agttggacat	cccagctggt	3480
tacaaatcac	agagaccgct	tccatgctcc	agccattatt	acacaccgtt	cccactcct	3540
cctggacttt	cacttccact	ctcccgctac	acttgttttc	accatccact	agcctcagct	3600
ccttgtctgt	tcttccaaga	gaactgggtga	caaaacaggc	actgagaagt	aagaccacag	3660
taatggtgaa	gggactcagg	ttgacaaaat	gtcttctgaa	ctcagcagat	ccagagtctt	3720
caagtagcac	cattctgagt	ttgtctattc	caaagattta	taacttcaat	gattcctaaa	3780
tcttcttgta	ttattcccta	gaaatgttct	tctaaagaaa	acaactaaga	attc	3834

```
<210> 7106
<211> 1826
<212> DNA
<213> Homo sapiens
```

<220>

<221> misc\_feature  
 <222> (89)...(781)  
 <223> similar to gi6013425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7106

gacgccggac	gtgcggcagt	tgcaggcgag	caggcgagga	atcgccgtgg	cgtcttggtg	60
ttctccacgc	tggttcgag	gtgaagagat	ggcgtttgtg	aagagtggct	ggttgctgcg	120
acagagtact	attttgaagc	gctggaagaa	gaactggttt	gatctgtggt	cggatggtca	180
cctgatctat	tatgatgacc	agactcgga	gaatatcgag	gataagggtcc	acatgccaat	240
ggactgcatc	aacatccgca	cggggcagga	atgtcgggat	actcagcccc	cggatggaaa	300
gtcaaaagac	tgcattgctc	agattgtttg	tcgagatggg	aaaacaatta	gtctttgtgc	360
agaaagcaca	gatgattgct	tggcctggaa	atttacactc	caagattcta	ggacaaacac	420
agcgtatgtg	ggctctgag	tcattgaccg	tgagacatcc	gtggtttcct	cacctccacc	480
atacagggcc	tatgctgcac	cggcccctga	ggtagggaga	accctgagcc	tccagcaggc	540
ttatggctat	gggccatacg	gtggtgcgta	cccgccagga	actcaagttg	tctacgctgc	600
gaatgggcag	gcgtatgccg	tgccctacca	gtaccatata	gcaggacttt	atggacagca	660
gcctgctaac	caagtcata	ttcgagagcg	ctatcgagac	aacgacagcg	acctggcact	720
gggcatgctg	gcaggagcag	ccacgggcat	ggccttaggg	tctctatttt	gggtcttcta	780
ggggcctcaa	ggtcttgatg	tgcatagctt	ctgataaccc	tgtgtgcaat	aatatgattt	840
gcagggcatt	tctgtttgtg	acaaaagt	ttataaatag	ttttaatcat	tcctttgaaa	900
gtagtgtatg	cataattgta	ctaattccaca	taagtaccac	agagaagggg	ttgaactgtg	960
ctattttgtt	caaatgttga	ctctccgggg	gcactggctc	attccaagac	tgttcttgtg	1020
caactctcag	aataccttat	ttgagcatac	ctgttttgaa	aggcattttc	tttttagagt	1080
taggtgtagt	gcttaagggt	taatttat	tcattgttat	ccagtaatat	agtgtgtat	1140
gcctatttag	tgattgtggc	aagaaaagct	acagcttctt	tgcttttaac	tttttcaaac	1200
cacagaccag	aactggttgc	atgttacttt	aggagtgtg	ggttggttaag	ctcccaggta	1260
cttcccagag	ctatggtgtg	agagccccc	tcctgccctc	tggggctcca	caggcccctg	1320
gcaaggccga	tggctcagga	tgatggggca	cagccgcct	ttgaacaatc	atgcttcaga	1380
aactctgcctg	accctagctg	ctgctgctgg	ctcactttat	tcttgtagtg	ctttggtagg	1440
catacttgga	gaacatatcc	cacattagg	aattgattta	agcctgagag	tttgagggct	1500
ttaatccttt	aaaacttgga	gaagctggct	ggggcgcggt	gggttcacgc	ctgtaatccc	1560
agcactttga	gagaccgagg	ccggggccgga	tcacgaaggt	caggaagatc	ggagaccatc	1620
ctggctaaca	cggtgaaacc	ccatcttcta	ctaaaaatac	aaaaaattaa	cctgggcgtg	1680
gtggcaaggc	gcctgtggtc	ccagctactc	gggaggctga	ggcaggagaa	tagtgtgaac	1740
ccgggagggc	gagcttgag	tgagccaaga	tagtgccact	gcacttcagc	ctgggtgaca	1800
gaagcgagac	tccgtctcaa	aaaaaa				1826

<210> 7107  
 <211> 1192  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (101)...(504)  
 <223> similar to gi50548 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7107
ggcacgaggc tggctggaat ctctcagcct cacctgccag acaacacccc ctcttctctc 60
accctgtctc ctgcattctc ctgaaacctt catccacaca atgcctccca acctcactgg 120
ctactaccgc tttgtctcgc agaagaacat ggaggactac ctgcaagccc taaacatcag 180
cttggctgtg cggaagatcg cgctgctgct gaagccggac aaggagatcg aacaccaggg 240
caaccacatg acggtgagga cgctcagcac cttccgaaac tacactgtgc agtttgatgt 300
gggagtggag tttgaggagg acctcaggag cgtggacgga cgaaaatgcc agaccatagt 360
aacctgggag gaggagcacc tgggtgtgtg gcagaaaggg gaggtcccca accggggctg 420
gagacactgg ctggaggagg agatgctgta tctggaactg actgcaaggg atgcagtgtg 480
cgagcagggtc ttcagggaagg tcagatagcc ggagaggagc caagatccct ccagacagca 540
ccagctcaca gacgctcttg ttgtgcccc ttcaagccca gattgtgcca ggtcagctgt 600
cccttctctt ggccaccttt cctccctctg ggtccctcct caccctccc cgtgttaatc 660
tgtaacttgc agccccagg ccaaagtcct ttctcacact ccactgcccc atagtgcct 720
cacttccagg tcaaggctctg gcgtcccaaa tgaaagaagc aggcaaaggg aaggagcccc 780
tgagaacaac caatctccgc tctctcctgt ccatttgacc tcttcttttc cttctaagaa 840
agaactaagc tttgggcatt tggcgattag tgaaaattct atcctgatgg acttctggaa 900
aactgtgact ggggttcaag agtttaaaca ggggctactg gcagagtctt tttgtccatt 960
tctttgtcct tattcttgag aaagtctcat gtgctcaaca aaaccaggcc caagacacag 1020
ccccccacac acaggggtca acggactcca cggttctgac atctgaaggc atctggccat 1080
ttgatacttc catcctatgt gttgggaatg agggatggaa tggggtaaga cctttgtcca 1140
gtgcttgggg aggcggggag cttctaaatg gtgacctgtc ctccgtacga aa 1192

```

```

<210> 7108
<211> 1779
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1780)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1462)...(775)
<223> similar to gi3879734 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7108
tttttttttt atttccaaag gttttatattt atatatgtt tgaagctttc tcaggctttg 60
cactaaatgc atgtcagggtg catattcaat ctctttcaaa ggaaacatgg cagttgagta 120
tccagaacac aagtgaagtac cgtatacttt aaaagaatgc ttacagagct ctctcttcg 180
gccatgagaa aaaaaaacia gtacctgcag aagtgaagcga taccacatgc tctcccagac 240
acacgcctgg ggtgcttact gtcaatgaca ctctccaca ccaacatgtg gtccaaaata 300
gaatccctct catcttccat tacactcttt taaaaaatgc agagaaaata tgaattaact 360
catcttaaat gtgagagaaa caggggggaaa aggacaagtt aatgcacaag cacaatacac 420
aatggtaatt tttcttttca aaagatatta tggaatgtat tactagcagc ataaattcca 480
acaaaaagtt gggcacccag atttggttat ttagattaaa aatatttatt acaggcagat 540

```

ttgcttttcc	caggaaaaca	tatcactgga	aacatttggga	gaatgcaaac	tgggttaaac	600
ctattcccaa	gtccattatc	aagtaaggta	tccctaaga	aaaagatagg	agtttaaaac	660
tggggaagcc	cacacacaat	ttagacaggg	gaaaagaaaa	aaaaaactca	taaaaaaagt	720
cagaatgatc	ctttacgttt	tacagtcttt	aattaagcac	ataaaactgt	actattttaat	780
atatttctcc	atgaactttt	tgtgaaattc	agatcgagc	gtgtcattta	caaactctttt	840
gtctttcttc	tgggtcatcta	caccttttgc	acagttcttg	aagacaacgt	catcatccca	900
ccttctttta	actttgaagt	tggcctgagg	ctgggatggg	ccagtggagat	taaggagagg	960
gtttccgctc	agaatgtttt	ccatacgaat	cctctcttct	tacagttttt	gttcttggtc	1020
cttcttgccc	tgtctttcag	ctctttcttt	tttaattttt	tccagttctg	caagaagagc	1080
tgcagtatca	tcatcatcac	tttcttcttc	aaaatcttca	tcttcctcat	ctgttagagg	1140
gtcatctgca	tcaaggttgg	cggcaggaat	ctggtctaac	cgtggccttt	ttgacactga	1200
agaggagggt	gtatgttctc	gggttgagc	atccctattt	ttctctcttg	cagcagctct	1260
ctctctttct	tccaactctc	tccctgaagc	acggttacga	acctcttcag	gggcatcctg	1320
agtagtctgt	ctgtatttta	tctttgtatg	agagggtagg	tctctgcttg	aatactgctt	1380
tgaagttgg	ctcaaatac	cttctccttt	tccccttcca	cctctggcag	gttcaaagg	1440
tggcctggct	gctgttgta	tcttttatgc	tgggggttgc	tttacgcagt	aggcgagctg	1500
cctgtacgct	gcgatctcct	cggcgggccc	aagagctcca	gacgcgcctg	acaggcactc	1560
ggttccgccc	ctagcccgt	gctccagggc	ctccaccgcc	cgcgctctgc	actctgccgc	1620
cgactccgac	cccaactgcc	ctttcccgtc	ccatcgcgat	aagaaagata	atctcctatc	1680
ctcttgccgc	tcacactggc	cgagggtccga	tgcagcaggc	tccgaagatc	atacagacgc	1740
gaattccacc	acactgagta	gtgaaacagt	angagcact			1779

<210> 7109

<211> 1884

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (328)...(1135)

<223> similar to gi4884468 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7109

ctgaagtggg	agctacgtcc	cggaggtgcg	gtgtggggca	ccgggcgggg	cgcgggaacc	60
ggcgccccac	ggagctgctg	ctgtcagacc	aaccccgggc	ccccatcatc	actgcgcgcg	120
gctttcaggc	gccgagaact	accgttcccg	gcatgccatg	aaattggcct	cggcgctgag	180
gcgggggtccg	gccctccacc	cgtctccgcc	gcgcgcgaat	cgcggtcgcg	agccatggag	240
gaggaggcat	cgtccccggg	gctgggctgc	agcaagccgc	acctggagaa	gctgaccctg	300
ggcatcacgc	gcatectaga	atcttcccca	ggtgtgactg	aagtgaccat	catagaaaag	360
cctcctgctg	aacgtcatat	gatttcttcc	tgggaacaaa	agaataactg	tgtgatgcct	420
gaagatgtga	agaactttta	cctgatgacc	aatggcttcc	acatgacatg	gagtgtgaag	480
ctggatgagc	acatcattcc	actgggaagc	atggcaatta	acagcatctc	aaaactgact	540
cagctcacc	agtcttccat	gtattcactt	cctaattgcac	ccactctggc	agacctggag	600
gacgatacac	atgaagccag	tgatgatcag	ccagagaagc	ctcactttga	ctctcgagc	660
gtgatatttg	agctggattc	atgcaatggc	agtgggaaag	tttgcccttg	ctacaaaagt	720
gggaaaccag	cattagcaga	agacactgag	atctggttcc	tggacagagc	gttatactgg	780
cattttctca	cagacacctt	tactgcctat	taccgcctgc	tcatcaccca	cctgggcctg	840
ccccagtggc	aatatgcctt	caccagctat	ggcattagcc	cacaggccaa	gcaaagagtc	900
agcatgtata	aacctatcac	ctacaacaca	aacctgctca	cagaagagac	cgactccttt	960



gtgaataagc	tagatcccag	caaagtgttt	aagagcaaga	acaagatcgt	aatcccaaaa	1020
aagaaagggc	ctgtgcagcc	tgcagggtggc	cagaaagggc	cctcaggacc	ctccggtccc	1080
tccacttcct	ccacttctaa	atcctcctct	ggctctggaa	accccacccg	gaagtgcgca	1140
cccctccctc	caactcccta	ccagctccag	agtgggtggt	tccatgcaca	gatggcccta	1200
ggggtgacct	ccagttttgc	gtgtggaccg	taggcctctt	tctagttgaa	tgaccaaagt	1260
tgtaaggctt	ttagtcccac	cgacattagc	caggctcgta	gtgaggcctc	cagagcaggt	1320
tgtgctgtcc	cctgcctcta	gaagcaatgg	ggaatttgga	atcttgtgta	agtgcccaaa	1380
taagtctgag	tgttttctc	ttcttcaaca	ctcaaccctc	aatcccttag	cactgattga	1440
ttagagaggt	cccccaaaga	aaccactggt	tttgacccat	gaagcattag	aactgcattg	1500
ttcattcagg	agccactagt	cacatatgac	tatttaaatt	taaagtaa	tgtatgaaaa	1560
attcatttct	tcaattgcat	tagccacatt	ttgagtattc	atgtggctgg	tagattctgt	1620
attagcacia	agatatggaa	catttccatc	accacagaaa	gttctgttgg	acagcactgc	1680
attagaatat	tttcatactg	ctcttcccta	attaattttt	gttggttaag	ttgatgtcct	1740
cattggatgg	gtcataatgt	tccatgaaac	ctctcaagta	cacaattgta	tgttctttgt	1800
atcccttacc	acaaatatct	cgctctgctc	atttcttttg	cagcttccta	taaagtttgt	1860
cttctcatc	aaaaaaaaaa	aaag				1884

```

<210> 7110
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (75)...(243)
<223> similar to gi4468341 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7110						
cctcctttcc	ctttcgggat	tcccgcgct	gtggttgctg	taaggggtcc	tccctgcgcc	60
acacggccgt	cgccatggtg	aagctgagca	aagaggccaa	gcagagacta	cagcagctct	120
tcaaggggag	ccagtttgcc	attcgctggg	gctttatccc	tcttgtgatt	tacctgggat	180
ttaagagggg	tgcagatccc	ggaatgcctg	aaccaactgt	tttgagccta	ctttggggat	240
aaaggattat	ttggtcttct	ggattttggg	gcaatcagcg	gacagcatgg	aagatgtgtg	300
ctctggctcg	gataagagat	gggacatcat	tcagtcacta	gttgatggc	acaaggctct	360
tcacagacgc	atctgtagca	gagtggaaact	tgtactaact	tatgatagaa	tgtatcagaa	420
taaatgtttt	taacagtgtt	aaaaaaaaaa				450

```

<210> 7111
<211> 2145
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (354)...(1374)

```

<223> similar to gi2262107 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7111

attgaccctc	gctgcacgaa	ttcggcacga	gcagggctct	ggcgcccggc	cctgtccgca	60
ccgctggcag	cctgaagaga	gtcgtcggcc	gtggtcggcg	ctaggtagga	tatatctgca	120
tcttgaaagg	aagataaaac	aaaagccttc	tttggaatag	atggattttt	gtcactttct	180
gtgtgaacta	aagtgattca	atgtctcttt	tggattgctt	ctgcacttca	agaacacaag	240
ttgaatcact	cagacctgaa	aaacagctctg	aaaccagtat	ccatcaatac	ttggttgatg	300
agccaaccct	ttcctgggtca	cgtccatcca	ctagagccag	tgaagtacta	tgttccacca	360
acgtttctca	ctatgagctc	caagtagaaa	taggaagagg	atttgacaac	ttgacttctg	420
tccatcttgc	acggcatact	cccacgggaa	cactggtaac	tataaaaatt	acaaatctgg	480
aaaactgcaa	tgaagaacgc	ctgaaagctt	tacagaaagc	cgtgattcta	tcccactttt	540
tccggcatcc	caatattaca	acttattgga	cagttttcac	tgttggcagc	tggttttggg	600
ttatctctcc	atztatggcc	tatggttcag	caagtcaact	cttgaggacc	tatcttctctg	660
aaggaatgag	tgaactttta	ataagaaaca	ttctcttttg	agccgtgaga	gggttgaaact	720
atctgcacca	aaatggctgt	attcacagga	gtattaaagc	cagccatata	ctcatttctg	780
gtgatggcct	agtgaccctc	tctggcctgt	cccactctgca	tagtttggtt	aagcatggac	840
agaggcatag	ggctgtgtat	gatttccac	agttcagcac	atcagtgcag	ccgtggctga	900
gtccagaact	actgagacag	gattttacatg	ggtataatgt	gaagtcagat	atttacagtg	960
ttgggattac	agcatgtgaa	ttagccagtg	ggcaggtgcc	tttccaggac	atgcatagaa	1020
ctcagatgct	gttacagaaa	ctgaaaggctc	ctccttatag	cccattggat	atcagtatctt	1080
tccctcaatc	agaatccaga	atgaaaaatt	cccagtcagg	tgtagactct	gggattggag	1140
aaagtgtgct	tgtctccagt	ggaactcaca	cagtaaatag	tgaccgatta	cacacaccat	1200
cctcaaaaac	tttctctcct	gccttcttta	gcttggtaca	gctctgtttg	caacaagatc	1260
ctgagaaaag	gccatcagca	agcagtttat	tgtcccatgt	tttcttcaaa	cagatgaaag	1320
aagaaagcca	ggattcaata	ctttcactgt	tgccctctgc	ttataacaag	ccatcaatat	1380
cattgcctcc	agtgttacct	tggactgagc	cagaatgtga	tttctctgat	gaaaaagact	1440
catactggga	attctagggc	tgccaaatca	ttttatgtcc	tatatacttg	acactttctc	1500
cttgcctgct	tttcttctgt	atctctaggt	acaaatacca	gaattatact	tgaaaataca	1560
gttggtgcac	tggagaatct	attattttaa	accactctgt	tcaaaggggc	accagtttgt	1620
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agtgctcattt	attctggaat	ttttttctaa	gctgtgacta	actcttttta	tctctcaata	1740
taatttttga	gccagttaat	ttttttcagt	atcttgcctgt	cccttgggaa	tgggccctca	1800
gaggacagtg	cttccaagta	catcttctcc	cagattctct	ggccttttta	atgagctatt	1860
gttaaaccaa	caggctagtt	tatcttacat	cagacccttt	tctggtagag	ggaaaatggt	1920
tgtgctttcc	ctttttcttc	tgtaataact	tatgggtaac	acctaactga	gcctcactca	1980
cattaaatga	ttcacttgaa	atatatacag	gaaattgtaa	tttggctttt	ttttaaaaaa	2040
gggggggggc	taaagtaacc	ctttcctact	tatgtaaat	atagatccta	aattgcacgc	2100
accccgctggg	agctcaataa	agatttactg	aattgaaaaa	aaaaa		2145

<210> 7112

<211> 1716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (212)...(1589)

<223> similar to gi30297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7112

```
aaagggagtg agggaggaga gatgagtggc tattccagaa cgacataaag aatttccagc 60
cttggacgga cagctgggaa cgtcttccaa tttggactgg tgtttacaag cgggaagcta 120
ggtggacctt ggattttggc ggggtgaagag gctaggttgt ttaaggaggt ggggcgcggt 180
tcaatggctc tctttgaaaa agcccagcaa gatgtcagac ctgctctcag tcttcctcca 240
cctcctcctt ctcttcaagt tggttgcccc ggtgaccttt cgccaccacc gctatgatga 300
tcttgtgcgg acgctgtaca aggtgcaaaa cgaatgcccc ggcatcacgc ggggtctacag 360
cattgggcgc agcgtggagg ggagacacct ctacgtgctg gagttcagcg accaccctgg 420
aatccacgag cccttggaac cagaggtcaa gtatgtgggg aacatgcacg gcaacgaagc 480
gttgggccgc gagctgatgc tgcagctgtc ggagtttctg tgcgaggagt tccggaacag 540
gaaccagcgc atcgtccagc tcatccagga cacgcgcatt cacatcctgc catccatgaa 600
ccccgacggc tacgaggtgg ctgctgcccc gggcccaaac aagcctgggt atctagttgg 660
caggaacaat gcaaattggag tggacctgaa ccgcaacttc cctgatctca atacctatat 720
ctactataac gagaagtacg gaggcccaa ccaccacctg ccccttccag acaactggaa 780
aagtcaggtg gaacccgaga cccgggcggg gatccgggtg atgcaactct tcaactttgt 840
tctttcagcc aatctccacg gaggggcggg ggtggccaat taccggtatg acaagtcctt 900
tgagcaccgg gtccgagggg tccgccgcac cgccagcacc cccacgcctg acgacaagct 960
cttccagaag ctggccaagg tctactccta tgcacatgga tggatgttcc aaggttggaa 1020
ctgcggagat tacttcccag atggcatcac caatggggct tcctgggtatt ctctcagcaa 1080
gggaatgcaa gactttaatt atctccatac caactgcttt gagatcacgc tggaaactgag 1140
ttgcgacaag tttccccccg aagaggagtt acagcgggag tggctgggta atcggaagc 1200
cctaatacag ttcttggaac aggttcacca gggcatcaag ggaatggtgc ttgatgagaa 1260
ttacaataat ctgcgcaatg ctgtcatttc tgtcagtggg attaaccatg atgtcacttc 1320
aggtgaccaa ggtgattact tccggctgct gcttccaggt atctacactg ttagtgccac 1380
agcacctggg tatgacccag agacagtaac tgtgaccgtg ggtcctgcgg aaccaacgtt 1440
ggttaacttc cacctcaaaa gaagcatccc tcaagtaagc cctgtgagga gagtcccag 1500
cagaaggcac ggagtccagc ccaaagtgca gccccaaacc agaaagaaag aaatggagat 1560
gaggcagctg cagagaggcc ctgcctgaaa cccacagtgc caggcacccc ctgagaaagg 1620
ctttgctcct gctctcagat cagatcaagc attctttgta ttttattatc tgggacatat 1680
ttaaatacaa acgtattcag agcaataaaa aaaaaa 1716
```

<210> 7113

<211> 2029

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (232)...(1517)

<223> similar to gi904281 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7113

```
gggcgggaca actggtctga gtactatggc tgattttcgc tgtctggcat tgagaagcca 60
cacgccccctt ttgcttagga ggcctctctg ctggaggatg acgatggcat gggttatcta 120
```

```

agggcactga caagtcacatca atataggaca gcacagctga gagccatgct caggaagttt 180
ctggatccta ggctcagctc cacagaggag aacacgcagg cagcagagac catggggccc 240
ctctcagccc ctccctgcac acagcgcac acctggaagg gggtcctgct cacagcatca 300
cttttaaaact tctggaaccc gcctaccact gcccaagtca cgattgaagc cgagccaacc 360
aaagtttcca aggggaagga cggttcttcta cttgtccaca atttgcccca gaatcttgct 420
ggctacatct ggtacaaaagg gcaaatgaag gacctctacc attacattac atcatatcgta 480
gtagatggtc aaataattat atatgggcct gcatacagtg gacgagaaac agtatattcc 540
aatgcatccc tgctgatcca gaatgtcacc cgggaggacg caggatccta caccttacac 600
atcgtaaagc gaggtgatgg gactagagga gaaactggac atttcacctt caccttatac 660
ctggagactc ccaagccctc catctccagc agcaacttat accccaggga ggacatggag 720
gctgtgagct taacctgtga tcctgagact ccggacgcaa gctacctgtg gtggatgaat 780
ggtcagagcc tccctatgac tcacagcttg cagttgtcca aaaacaaaag gaccctcttt 840
ctatttggtg tcacaaagta cactgcagga ccctatgaat gtgaaatacg gaaccacgtg 900
agtgccagcc gcagtgaacc agtcaccctg aatctcctcc cgaagctgcc caagccctac 960
atcaccatca acaacttaaa cccagggag aataaggatg tcttagcctt cacctgtgaa 1020
cctaagagtg agaactacac ctacatttgg tggctaaaatg gtcagagcct cccggtcagt 1080
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gtcaccttga atgtcctcta tggccagac ctccccagaa tttacccttc attcacctat 1260
taccattcag gagaaaacct ctacttgtcc tgcttcgcgg actctaacc accagcagaa 1320
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attactacaa agcatagcgg gctctatgct tgctctgttc gtaactcagc cactggcatg 1440
gaaagctcca aatccatgac agtcaaagtc tctgctcctt caggaaacagg acatcttcct 1500
ggccttaatc cattatagca gccgtgatgt catctctgta tttcaggaag actggcagac 1560
agttgctttc attcttcctc aaagtattta ccatcagcta cagtccaaaa ttgctttttg 1620
ttcaaggaga tttatgaaaa gactctgaca aggactcttg aatacaagtt cctgataact 1680
tcaagatcat accactggac taagaacttt caaaatttta atgaacaggc tgataccttc 1740
atggaaattc aaggacaaag gaaaaaaaacc ccaattttat tgggacttaa atagtccaaa 1800
ccatggtttt tcataatttt cctatttggga aaatgtggct ggattctttg gaatgtttta 1860
ttctcccga tttatggcac ttttttttct tcagcaattg gtaaagtata cttttgtaaa 1920
caaaaattga aacatttgct tttgctccct aagtgcacca gaattgggaa actattcagg 1980
agtattcata tgtttatggg aataaagtta tctgcacaag ttcaaaaaa 2029

```

<210> 7114

<211> 1601

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1254)...(919)

<223> similar to gi3212110 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7114

```

tttttttttt ttagggatgc attttgaata tttattgtcc ttgtttttta cataatttgc 60
aaatttacat aattataatg gctgtgtttg acaactggct tgcaacaaaa ttcttgaaaa 120
ttgaataatt ggccacactg ggctgggatg agccagctgg atcacaccgt tgccccctca 180
gcctctagga ggccctcagga ttatggcgct catcttatga tattggccga aaggagacag 240
tcttgagggt gctgcttact gttgaacttc cttttggaat gtatgggaga aggcagggaa 300

```

```

aggaatcttt aggcagactg ccatccaggg actgctattc tgttcaactga gattcagctg 360
tgaacatctg ttctttcttc ctcttctgtc tactgcatgc aggcccggaa gctgagcgtt 420
agtcaaaggt acaggaaggg aaaagagaag agggcaaggc ccatcccca agaaaggaag 480
ggctctgatg cagagggagc aggagctgag gtggagacgg cactgcctc tctcaccctc 540
tgttccatcc ctctgctcaa gaaaaccagg cttagcagag tgggacagac gctttttatt 600
ggtctggctg gcgtgcctag tggaaagctc aggcagagct tcctatcttg ccctggctcc 660
catcttccct ctctggggag ttcatcacac atcccagag ggaagagtgt cctgggcaga 720
ggtggcaggc aaagccgggt aaaaactcca gggctgggaa gcaaatggg ctcagggtga 780
tgcagaaaat gtgatgttgc caggccatcc aaataaagca tccatcgggg cagaggagaa 840
gctgtttccc tgcagacact cctctgcccc caccaggaat gggaggggca ggaggaagag 900
cttcccagag aggtcccta ctgggccctt cgtgccatca gcatctccc gatgttgtcc 960
tcagcttcct taacgcttcg ctccaggtag gactttttct gttctagttc ttttaattttt 1020
tcttctgcta ttttctgctt ctctaacagc tgactgtgaa ttgcttcctt ggactgaaga 1080
ataaacattc ttctacacc ttcatatag ttagtctcat ctaccaaagt catgatctct 1140
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agcttcacct tctgttgagt gtcaataact ttggcttgaa gctctgtgaa ggctatgaaa 1260
gtgagtcctt gaagcctcca aacgcaacga aatgtctctg gagctcagaa agactggaca 1320
agcccagagc agggccgag acttaccgca ccagaccaa ccggctccta ccagcaaga 1380
gccgctcgcc cccaccccg tttatggaga ccagtgagg ccttaggact ctgggaaaacc 1440
attccctagt cactggacc ctcttctctt ctgcaaggct cgtgcctcac ttgatattct 1500
tgtctatagt cccctcagcc tccaaaaaga agacctccgc ctgccaaaga ccctctttta 1560
ccttcttcag ctctagatcc acggggggcg ccactcgtgc c 1601

```

<210> 7115

<211> 3221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (87)...(2771)

<223> similar to gi414669 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7115

```

actccctcac tggtgccat tgaaagagtc cacttctcag tgactcctaa ctgggcactg 60
gatgcagttg aggattgctg gtcaatatga ttcttcttgc tgtgcttttt ctctgcttca 120
tttctcata ttcagcttct gttaaaggct acacaactgg tctctcatta aataatgacc 180
ggctgtacaa gctcacgtac tccactgaag ttcttcttga tcggggcaaa ggaaaactgc 240
aagacagcgt gggctaccgc atttcctcca acgtggatgt ggccttacta tggaggaatc 300
ctgatggtga tgatgaccag ttgatccaaa taacgatgaa ggatgtaaat gttgaaaatg 360
tgaatcagca gagaggagag aagagcatct tcaaaggaaa aagcccatct aaaataatgg 420
gaaaggaaaa cttggaagct ctgcaaagac ctacgctcct tcatctaata catggaaagg 480
tcaaagagtt ctactcatat caaatgagg cagtggccat agaaaatatc aagagaggtc 540
tggtagcct atttcagaca cagttaagct ctggaaccac caatgaggta gatatctctg 600
gaaattgtaa agtgacctac caggctcatc aagacaaagt gatcaaaatt aaggccttgg 660
attcatgcaa aatagcgagg tctggattta cgaccccaa tcaggctctg ggtgtcagtt 720
caaaagctac atctgtcacc acctataaga tagaagacag ctttggtata gctgtgcttg 780
ctgaagaaac acacaatttt ggactgaatt tcctacaaac cattaagggg aaaatagtat 840
cgaagcagaa attagagctg aagacaaccg aagcaggccc aagattgatg tctggaaagg 900

```

```

aggctgcagc cataatcaaa gcagttgatt caaagtacac ggccattccc attgtggggc 960
aggtcttcca gagccactgt aaaggatgtc cttctctctc ggagctctgg cgggccacca 1020
ggaaatacct gcagcctgac aacctttcca aggctgaggc tgtcagaaac ttcctggcct 1080
tcattcagca cctcaggact gcgaagaaag aagagatcct tcaaatacta aagatggaaa 1140
ataaggaagt attacctcag ctggtggatg ctgtcacctc tgctcagacc tcagactcat 1200
tagaagccat tttggacttt ttggatttca aaagtgcagc cagcattatc ctccaggaga 1260
ggtttctcta tgctgtgga tttgcttctc atcccaatga agaactcctg agagccctca 1320
ttagtaagtt caaaggttct attggtagca gtgacatcag agaaactggt atgatcatca 1380
ctgggacact tgtcagaaaag ttgtgtcaga atgaaggctg caaactcaaa gcagtagtgg 1440
aagctaagaa gttaatcctg ggaggacttg aaaaagcaga gaaaaaagag gacaccagga 1500
tgtatctgct ggctttgaag aatgccctgc ttccagaagg catccaagt cttctgaagt 1560
atgcagaagc aggagaaggg cccatcagcc acctggctac cactgctctc cagagatatg 1620
atctcccttt cataactgat gaggtgaaga agaccttaaa cagaatatac caccaaaacc 1680
gtaaagttca tgaaaagact gtgcgcactg ctgcagctgc tatcatttta aataacaatc 1740
catcctacat ggacgtcaag aacatcctgc tgtctattgg ggagcttccc caagaaatga 1800
ataaatacat gctcgccatt gttcaagaca tcctacgttt tgaaatgcct gcaagcaaaa 1860
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gatcttcttc tgctacact ggctacatag aacgtagtcc ccgttcggca tctacttaca 1980
gcctagacat tctctactcg ggttctggca ttctaaggag aagtaacctg aacatctttc 2040
agtacattgg gaaggctggt cttcacggta gccagggtgg tattgaagcc caaggactgg 2100
aagccttaat cgcagccacc cctgacgagg gggaggagaa ccttgactcc tatgctggta 2160
tgtcagccat cctctttgat gttcagctca gacctgtcac ctttttcaac ggatacagtg 2220
at ttgatgtc caaaatgctg tcagcatctg gcgaccctat cagtgtggtg aaaggactta 2280
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aggtccaggg tgggtctagct attgatattt cagggtgcaat ggagtttagc ttgtggtatc 2400
gtgagtctaa aacccgagtg aaaaataggg tgactgtggt aataaccact gacatcacag 2460
tggactcctc ttttgtgaaa gctggcctgg aaaccagtac agaaacagaa gcaggcttgg 2520
agtttatctc cacagtgcag ttttctcagt acccattctt agtttgcatg cagatggaca 2580
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gttatgtctc tcagaaaaga aaagaaagcg tattagcagg atgtgaattc ccgctccatc 2700
aagagaactc agagatgtgc aaagtgggtg ttgcccctca gccggatagt acttccagcg 2760
gatggttttg aaactgacct gtgatatttt acttgaattt gtctccccga aagggaacaca 2820
atgtggcatg actaagtact tgctctctga gagcacagcg ttacatattt tacctgtatt 2880
taagattttt gtaaaaagct acaaaaaact gcagtttgat caaatttggg tatatgcagt 2940
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acttatacct ctctcaaatc tcat ttggta cagtcagaat aagttattct ctaagaggaa 3060
actaagtgtt tgttaaaatc aaaaataaaa acaaaaccac acaaggagaa cccgaatttt 3120
gtttcaacaa tttttgatcc aatgtatatg aagctcttga taggacttcc ttaagcatga 3180
cgggaaaacc aaacacgttc ccctaatacag gaaaaaaaaa a 3221

```

<210> 7116

<211> 1902

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (103)...(1000)

<223> similar to gi5326797 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7116
gttccacctg gcggtctggct ctcaagtcccc tcgctgtagt cgcggagctg tgtctgttcc 60
caggagtcct tcggcggctg ttgtgtcagt ggcctgatcg cgatggggac aaaggcgcaa 120
gtcgagagga aactgtttgtg cctcttcata ttggcgatcc tgttgtgctc cctggcattg 180
ggcagtgtta cagtgcactc ttctgaacct gaagtcagaa ttcttgagaa taatcctgtg 240
aagttgtcct gtgcctactc gggcttttct tctccccgtg tggagtggaa gtttgaccaa 300
ggagacacca ccagactcgt ttgctataat aacaagatca cagcttccta tgaggaccgg 360
gtgaccttct tgccaactgg tatcaccttc aagtccgtga cacgggaaga cactgggaca 420
tacacttgta tggctctctga ggaaggcggc aacagctatg gggaggtcaa ggtcaagctc 480
atcgtgcttg tgccctccatc caagcctaca gttaacatcc cctcctctgc caccattggg 540
aaccgggcag tgcctgacatg ctcagaacaa gatggttccc caccttctga atacacctgg 600
ttcaaagatg ggatagtgat gcctacgaat cccaaaagca cccgtgcctt cagcaactct 660
tcctatgtcc tgaatcccac aacaggagag ctggtctttg atccccctgtc agcctctgat 720
actggagaat acagctgtga ggcacggaat gggatatggga caccatgac ttcaaagtct 780
gtgcgcatgg aagctgtgga gcggaatgtg ggggtcatcg tggcagccgt ccttgtaacc 840
ctgattctcc tgggaatctt ggtttttggc atctggtttg cctatagccg aggccacttt 900
gacagaacaa agaaagggac ttcgagtaag aaggtgattt acagccagcc tagtgcccga 960
agtgaaggag aattcaaaca gacctcgtca ttctgtgtg gagcctggtc ggctcaccgc 1020
ctatcatctg catttgccct actcaggtgc taccggactc tggcccctga tgtctgtagt 1080
ttcacaggat gccttatattg tcttctacac cccacagggc cccctacttc ttcggtatgtg 1140
tttttaataa tgtcagctat gtgccccatc ctcttcatg cctccctcc ctttcttacc 1200
actgctgagt ggcctggaac ttgttttaaag tgtttattcc catttcttt gagggatcag 1260
gaaggaatcc tgggtatgcc attgacttcc ctcttaagta gacagcaaaa atggcggggg 1320
tcgcaggaat ctgcactcaa ctgcccacct ggctggcagg gatctttgaa taggtatctt 1380
gagcttggtt ctgggctctt tccttgtgta ctgacgacca gggccagctg ttctagagcg 1440
ggaattagag gctagagcgg ctgaaatggt tgtttggtga tgacactggg gtccttccat 1500
ctctggggcc cactctcttc tgtcttccca tgggaagtgc cactgggatc cctctgccct 1560
gtcctcctga atacaagctg actgacattg actgtgtctg tggaaaatgg gagctcttgt 1620
tgtggagagc atagtaaatt ttcagagaac ttgaagccaa aaggatttaa aaccgctgct 1680
ctaaagaaaa gaaaactgga ggctgggcgc agtggctcac gcctataatc ccagaggctg 1740
aggcaggcgg atcacctgag gtcaggagtt caagatcagc ctgaccaaca tggagaaacc 1800
ctactaaaaa tacaaagtta gccaggcatg gtggtgcatg cctgtaatcc cagctgctca 1860
ggagcctggc aacaagagca aaactccagc tcaaaaaaaaa aa 1902

```

```

<210> 7117
<211> 541
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (40)...(314)
<223> similar to gi4803699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7117
ggcacgagct aacttcagga accagctcat gatctcagga tgtatggaaa aataatcttt 60
gtattactat tgtcagaaat tgtgagcata tcagcattaa gtaccactga ggtggcaatg 120
cacacttcaa cctcttcttc agtcacaaag agttacatct catcacagac aaatggagaa 180

```

acgggacaac	ttgtccatcg	tttcaactgta	ccagctcctg	tagtgataat	actcattatt	240
ttgtgtgtga	tggctgggtat	tattggaacg	atcctcttaa	tttcttacag	tattcgccga	300
ctgataaagg	catgagggatg	tggcctgcat	gctgcctgat	cttgccctgca	tgctgcctga	360
tcttgccctag	aaccggctgc	acctgctggt	ctcttggtta	tgcaaactgg	ctgcacctgc	420
tattcctttg	cttatgcccc	tacccttggc	tatcctaatt	ccctgttctc	ctgcctcact	480
attactgtat	tctctacttc	taaataaaaa	taaaacaaaa	tacaaaccgt	taaaaaaaaa	540
a						541

```

<210> 7118
<211> 2162
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (286)...(1854)
<223> similar to gi4886423 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7118						
gccgaccccg	agaggcccg	atcctttagg	ccgcctgccc	gcctccagct	ctcggggagc	60
gctccaggag	gcgcctcag	gagagggg	ggcgctctat	tccagagacc	gagtggcagg	120
gcggccactg	tggcggggct	ctttccccgt	ttcgcctcag	ctacccctca	gctccggtag	180
tcgccagtc	ggggtcgctg	ccgtttgggg	cgggagctgc	tcggccccgc	cgccgtcccc	240
gtcgcgctt	ccgggtccag	gccccctggg	ccgcctgccc	ccgtcatgag	gctgcgggtg	300
cggcttctga	agcggacctg	gccgctggag	gtgcccagaga	cggagccgac	gctggggcat	360
ttgcgctcgc	acctgaggca	gtccctgctg	tgcacctggg	ggtacagttc	taatacccga	420
tttacaatta	cattgaacta	caaggatccc	ctcactggag	atgaagagac	cttggcttca	480
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aatatacctt	catccacaga	ttcagagcat	tcttcaactc	agaataatga	gcaaccctct	600
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tttgaagctg	agtcaattca	agataatgcg	catatggcag	agggcacagg	tttctatccc	780
tcagaaccca	tgctctgtag	tgaatcgggtg	gaagggcaag	tgccacattc	attagagacc	840
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ctcatgttgg	agtcagggtta	catacctcag	ggcaccgaag	ccaaagcact	gtccatgccg	960
gagaagtgga	agttgagcgg	ggtgtataag	ctgcagtaca	tgcatcctct	ctgcgagggc	1020
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aaaatcaaca	atgagattag	aagtgtgaaa	agattgcagc	tgctaccaga	atcttttatt	1140
tgcaaagaga	aactagggga	aaatgtagcc	aacatataca	aagatcttca	gaaactctct	1200
cgcctcttta	aagaccagct	ggtgtatcct	cttttggtct	ttacccgaca	agcactgaac	1260
ctaccagatg	tatttggttt	ggtcgtcctc	ccattggaac	tgaaactacg	gatcttccga	1320
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tcaaatgacc	cactcctgtg	gagggtttta	tatctgcgtg	attttcgaga	caatactgtc	1440
agagttcaag	acacagattg	gaaagaactg	tacaggaaga	ggcacataca	aagaaaagaa	1500
tccccgaaag	ggcggtttgt	gatgctcctg	ccatcgtaaa	ctcacaccat	tccattctat	1560
cccaaccctt	tgacccctag	gccatttcct	agctcccgcc	ttcctccagg	aattatcggg	1620
ggtgaatatg	accaaagacc	aacacttccc	tatgttgag	acccaatcag	ttcactcatt	1680
cctggtcctg	gggagacgcc	cagccagttt	cctccactga	gaccacgctt	tgatccagtt	1740
ggcccacttc	caggacctaa	ccccatcttg	ccagggcgag	gcggcccca	tgacagattt	1800





Run with FASTXY 3.3t00, default parameters

<400> 7120

tttcgtcgc	ggcgggccc	gcgggtccg	gagcgcgcg	gagacgatgc	ctgagatcag	60
agtcacgccc	ttgggggccc	gccaggacgt	gggccgaagc	tgcatcctgg	tctccattgc	120
gggcaagaat	gtcatgctgg	actgtggaat	gcacatgggc	ttcaatgacg	accgacgctt	180
ccctgacttc	tcctacatca	cccagaacgg	ccgcctaaca	gacttcctgg	actgtgtgat	240
cattagccac	ttccacctgg	accactgcgg	ggcactcccc	tacttcagcg	agatgggtggg	300
ctacgacggc	cccatctaca	tgactcacc	caccagggcc	atctgcccc	tcttgctgga	360
ggactaccgc	aagatcgccg	tagacaagaa	gggcgaggcc	aacttcttca	cctcccagat	420
gatcaaagac	tgcatgaaga	aggtggtggc	tgtccacctc	caccagacgg	tccaggtaga	480
tgatgagctg	gagatcaagg	cctactatgc	aggccacgtg	ctgggggcag	ccatgttcca	540
gattaaagtg	ggctcagagt	ctgtggtcta	cacgggtgat	tataacatga	ccccagaccg	600
acacttagga	gctgcctgga	ttgacaagt	ccgccccaac	ctgctcatca	cagagtccac	660
gtacgccacg	accatccgtg	actccaagcg	ctgccgggag	cgagacttcc	tgaagaaagt	720
ccacgagacc	gtggagcggt	gtgggaaggt	gctgatacct	gtgttcgcgc	tgggccgcgc	780
ccaggagctc	tgcatcctcc	tggagacctt	ctgggagcgc	atgaacctga	aggtgccccat	840
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gaccaaccag	aagatccgca	agactttcgt	gcagaggaac	atgtttgagt	tcaagcacat	960
caaggccttc	gaccgggctt	ttgctgacaa	cccaggaccg	atggttgtgt	ttgccacgcc	1020
aggaatgctg	cacgctgggc	agtccctgca	gatcttccgg	aaatgggccc	gaaacgaaaa	1080
gaacatggtc	atcatgccc	gctactgcgt	gcagggcacc	gtcggccaca	agatcctcag	1140
cgggcagcgg	aagctcgaga	tggaggggcg	gcaggtgctg	gaggtcaaga	tgaggtgga	1200
gtacatgtca	ttcagcgcac	acgcggacgc	caagggcatc	atgcagctgg	tgggccaggc	1260
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gctgcccaca	agccccagca	tccccgtagg	catctcgctg	gggctgctga	agcgggagat	1440
ggcgcagggg	ctgctccctg	aggccaagaa	gcctcggtc	ctgcacggca	ccctgatcat	1500
gaaggacagc	aacttccggc	tgggtgtctc	agagcaagcc	ctcaaagagc	tgggtctggc	1560
tgagcaccag	ctgcgcttca	cctgccgcgt	gcacctgcat	gacacacgca	aggagcagga	1620
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cctcccagac	ggctctgtga	ctgtggagtc	cgctcctctc	caggccgccc	ccccttctga	1740
ggaccagggc	accaaggtgc	tgtgtgtctc	ctggacctac	caggacgagg	agctggggag	1800
cttctctaca	tctctgctga	agaagggcct	ccccaggcc	cccagctgag	gccggcaact	1860
caccagccg	ccacctctgc	cctctcccag	ctggacagac	cctgggcctg	cacttcagga	1920
ctgtgggtgc	cctgggtgaa	cagacctgc	aggtcccatc	cctggggaca	gaggccttgt	1980
gtcacctgcc	tgccaggca	gctgtttgca	gctgaagaaa	caaactgggtc	tccaggctgt	2040
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acaaaagact	acttggtact	ctcttcttgg	tgtacatggc	tgtgtcctgc	actgtgcccc	2160
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cacagggttg	ggcctggtgt	ggcctaactt	tggcttgagt	gtccagggtc	atccgtggct	2340
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gctctccaga	atcgcttca	cctgggcagg	tgccaaagcc	cccagcccc	cggccaccag	2520
cacagccgtc	atcctccgta	cctgtctata	caggaaagac	tggctctcaa	actccagggt	2580
cagaaccgca	gc					2592

<210> 7121

<211> 596

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (65)...(394)  
 <223> similar to gi2826891 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7121  
 aatagattag cagaccacta ggccagagcc gaggaattcg gcgctgcggc agtccagatc 60  
 aaaaatggcg gtagttgggtg tgtcctcggg ttctcggctg ctgggtcggg cccgcccaca 120  
 gctggggcgg cctatgtcga gtggcgccca tggcgaagag ggctcagctc gcatgtggaa 180  
 gactctcacc ttcttcgtcg cgctccccgg ggtggcagtc agcatgctga atgtgtacct 240  
 gaagtcgcac cacggagagc acgagagacc cgagttcatc gcctaccccc atctccgcat 300  
 caggaccaag ccgtttccct ggggagatgg taaccatact ctattccata accctcatgt 360  
 gaatccactt ccaactggct acgaagatga ataaagagaa tctggaccac taccggggca 420  
 ccagggacca cagcactggg ttggaccggt actctgcaca tggaccagaa aaagtatatg 480  
 ggaccttaag ctacacttct ttacttgtat caaatgatga ctggtatact ggtctcccat 540  
 cccttttgctt gtggcaggag atggcttaaa taaataactt aaacttaaaa aaaaaa 596

<210> 7122  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (75)...(334)  
 <223> similar to gi30295 in the genepept database release 114;  
 Run with FASTXY 3.3t00, default parameters

<400> 7122  
 ggcacgaggg tgtctttgct gagggtcaca ttgagctgca ggttgaatcc ggggtgcctt 60  
 taggattcgg caccatgacg gaagacatgc ataccactat caacaactac tggaccgccc 120  
 cttatgacag ccgctttcga aaccagaacc agactaaaaa ctggttggcag aactacctgt 180  
 acttccaccg ctgtcacaag gcgatgaacg gtaaacgagg cgatatctct gtgtgcgaat 240  
 ggtgccaccg tgctgaccag gccctttgtc acagatactg gtcacagac tgggatgatc 300  
 aaccacctga aagcacgttt cccgagaaga actgaactgg ctggat 346

<210> 7123  
 <211> 1393  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (33)...(1045)

<223> similar to gil877202 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7123

ggaggggggaa	ttcccggtctg	cggtatttcgc	acgaggacga	gttacagctg	ccgcggctcc	60
ccgagctggt	cgaaactggt	agacagttac	tggacgaagt	agaagtggcg	actgaacccg	120
ccggttcccg	gatagtccag	gagaagggtgt	tcaagggtctt	ggacctcctt	gagaaggctg	180
ccgaaatggt	atcgagctc	gacttggttca	gccgaaatga	agatttggaa	gagattgctt	240
ccaccgacct	gaagtacctt	ttggtgccag	cgtttcaagg	agccctcacc	atgaaacaag	300
tcaaccccag	caagcgtcta	gatcatttgc	agcgggctcg	agaacacttt	ataaactact	360
taactcagtg	ccattgctat	catgtggcag	agtttgagct	gccc aaaacc	atgaacaact	420
ctgctgaaaa	tcacactgcc	aattcctcca	tggcttatcc	tagtctcggt	gctatggcat	480
ctcaaagaca	ggctaaaata	cagagataca	agcagaagaa	ggagttggag	cataggttgt	540
ctgcaatgaa	atctgctgtg	gaaagtgggtc	aagcggatga	tgagcgtggt	cgtgaatatt	600
atcttcttca	ccttcagagg	tggattgata	tcagcttaga	agagattgag	agcattgacc	660
aggaaataaa	gaccttgaga	gaaagagact	cttcaagaga	ggcatcaact	tctaactcat	720
ctcgccagga	gaggcctcca	gtgaaaccct	tcattctcac	tcggaacatg	gctcaagcca	780
aagtatttgg	agctggttat	ccaagtctgc	caactatgac	ggtgagtgac	tggtatgagc	840
aacatcgga	atatggagca	ttaccggatc	agggaatagc	caaggcagca	ccagaggaat	900
tcagaaaagc	agctcagcaa	caggaagaac	aagaagaaaa	ggaggaagag	gatgatgaac	960
aaacactcca	cagagcccgg	gagtgggatg	actggaagga	cacccatcct	aggggctatg	1020
ggaaccgaca	gaacatgggc	tgatcttccc	acaacaccac	aggactgcag	ggtgcacaac	1080
tcccttgcca	aggaaaaacca	tgcagtcctc	ccctccctgg	tctcctgctt	cagctctgta	1140
caacgagggc	aaagatgcta	aatcttgctt	tgcattcagt	aaagtgtcaa	gtgattaagt	1200
gtgtatttgt	accctagatg	atatgaacca	gcagtcctgt	tttggcatca	tcctcatcat	1260
gttgatttcc	agcttcttaa	gtggaaggaa	aagagtgtcg	agaaatggct	ctgtataatc	1320
tatggctatc	cgaattctct	gaaaaaataa	taaaagtccc	ctctattata	tgagcctgta	1380
cagaaaaaaaa	aaa					1393

<210> 7124

<211> 2312

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (180)...(1862)

<223> similar to gi4884130 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7124

acgctccgga	atttctcggg	tcgacgattt	cgtcagggag	catgattgat	gccaacctga	60
------------	------------	------------	------------	------------	------------	----

aattgctgca	ggaagctgag	caacgtctca	aagccattgt	ggcagagaag	tttgccattg	120
ccaccaagga	aggtgatttg	ccccaggtgg	agcgcttctt	caagatcttc	ccactgctgg	180
gtttgcatga	ggagggatta	agaaaagttct	cggagtacct	ttgcaagcag	gtggccagta	240
aagctgagga	gaatctgctc	atggtgctgg	ggacagacat	gagtgatcgg	agagctgcag	300
tcatctttgc	agatacactt	actcttctgt	ttgaagggat	tgcccgcatt	gtggagaccc	360
accagccaat	agtggagacc	tattatgggc	cagggagact	ctataccctg	atcaaatatc	420
tgcaggtgga	atgtgacaga	caggtggaga	aggtggtaga	caagttcatc	aagcaaaggg	480
actaccacca	gcagttccgg	catgttcaga	acaacctgat	gagaaattct	acaacagaaa	540
aaatcgaacc	aagagaactg	gaccccatcc	tgactgaggt	caccctgatg	aatgcccgca	600
gtgagctata	cttacgcttc	ctcaagaaga	ggattagctc	tgattttgag	gtgggagact	660
ccatggcctc	agaggaagta	aagcaagagc	accagaagtg	tctggacaaa	ctcctcaata	720
actgcctttt	gagctgtacc	atgcaggagc	taattggctt	atatgttacc	atggaggagt	780
acttcatgag	ggagactgtc	aataaggctg	tggctctgga	cacctatgag	aagggccagc	840
tgacatccag	catggtggat	gatgtcttct	acattgttaa	gaagtgcatt	gggcgggctc	900
tgtccagctc	cagcattgac	tgtctctgtg	ccatgatcaa	cctcgccacc	acagagctgg	960
agtctgactt	cagggatgtt	ctgtgttaata	agctgcggat	gggctttcct	gccaccacct	1020
tccaggacat	ccagcgcggg	gtgacaagtg	ccgtgaacat	catgcacagc	agcctccagc	1080
aaggcaaatt	tgacacaaaa	ggcatcgaga	gtactgacga	ggcgaagatg	tccttcctgg	1140
tgactctgaa	caacgtggaa	gtctgcagtg	aaaacatctc	cactctgaag	aagacactgg	1200
agagtgactg	caccaagctc	ttcagccagg	gcattggagg	ggagcaggcc	caggccaagt	1260
ttgacagctg	cctttctgac	ttggccgccg	tgtccaacaa	attccgagac	ctcttgacgg	1320
aagggctgac	ggagctcaac	agcacagcca	tcaagccaca	ggtgcagcct	tggatcaaca	1380
gctttttctc	cgtctcccac	aacatcgagg	aggaagaatt	caatgactat	gaggccaacg	1440
acccttgggt	acaacagttc	atccttaacc	tggagcagca	aatggcagag	ttcaaggcca	1500
gctgtcccc	ggtcatctac	gacagcctaa	ccggcctcat	gactagcctt	gttgccgctg	1560
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gccaggtgct	ggccctgcgg	atagacttcc	gcagtgaaga	tatcaagagg	ctgcgcctgt	1860
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cagccaagga	gctgagcgag	gctgtcgggc	ttggggggaga	tctgacagcc	cagacctttc	1980
tacggctggc	agcagagaaa	caaagtctgg	acccactcca	tgctctgccc	tcagacctgg	2040
ccaggtgatg	ctctgggggc	agcatctccc	caccgagaga	agcgggctcc	taatgagggtg	2100
ggaaagccac	ggcaggcagc	gagcagccca	ggccagcttt	ctgcatggat	ggtcagtctc	2160
ttgccctcaa	acactacagc	aaacaagcta	cccctgccag	tcctagacaa	cttgggtaca	2220
tctggggacc	tagcagttag	gcttgacttt	gaggagaggc	tgtgatgttt	atgatccctg	2280
aataaagcta	ctccttgag	agaaaaaaaa	aa			2312

<210> 7125

<211> 1464

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (288)...(1347)

<223> similar to gi24479 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7125
actagtctcta gatcgcgagc ggccgctcgc gatctataat gcctcttctg aagcagccat    60
cccggcctct tggtagctgct gaccccagcc aggtctacagg gatcgattgg agctgtcctt    120
ggggctgtaa ttggccccag ctgagcaggg caaacactga ggtcaactac aagccacagg    180
ccccttcccc agcctcagtt cacagctgcc ctgttgtagg gaggcggtgg cccttctgtt    240
gctagaccga gcctgtggga tataccaagg cagaggagcc catagccatg aggagcctcg    300
gggccctgct cttgctgctg agcgccctgcc tggcggtgag cgctggccct gtgccaacgc    360
cgcccgacaa catccaagtg caggaaaaact tcaatatctc tcggatctat gggaaagtgg    420
acaacctggc catcggttcc acctgcccct ggctgaagaa gatcatggac aggatgacag    480
tgagcacgct ggtgctggga gagggcgcta cagaggcgga gatcagcatg accagcactc    540
gttggcgga aggtgtctgt gagggagcgt ctggagctta tgagaaaaca gatactgatg    600
ggaagtctct ctatcacaaa tccaaatgga acataacctt ggagtcctat gtggtccaca    660
ccaactatga tgagtatgcc attttctga ccaagaaatt cagccgccat catggacca    720
ccattactgc caagctctac gggcgggcgc cgagctgag ggaaactctc ctgcaggact    780
tcagagtggg tggccagggt gtgggcatcc ctgaggactc catcttcacc atggctgacc    840
gaggtgaatg tgtccctggg gagcaggaac cagagcccat cttaatcccg agagtccgga    900
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ccaagaaaga agattcctgc cagctgggct actcggcccg tccctgcatg ggaatgacca   1020
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tgggcaacgg taacaacttc gtcacagaaa aggagtgtct gcagacctgc cgaactgtgg   1140
cggcctgcaa tctccccata gtccggggcc cctgccgagc cttcatccag ctctgggcat   1200
ttgatgctgt caaggggaag tgcgtcctct tcccctacgg gggctgccag ggcaacggga   1260
acaagtctta ctcagagaag gagtgcagag agtactgcgg tgtccctggg gatggtgatg   1320
aggagctgct gcgcttctcc aactgacaac tggccgggtct gcaagtcaga ggatggccag   1380
tgtctgtccc ggggtcctgt ggcaggcagc gccaaagcaac ctgggtccaa ataaaaacta   1440
aattgtaaac tcctaaaaaa aaaa                                1464

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```

<210> 7126
<211> 3678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(1179)
<223> similar to gi214745 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7126
cgtattgaac tcgggttgga agaggcgagt ccggtctcaa aatggaggta aaaccgccgc    60
ccggtcgccc ccagcccgac tccggccgct gccgtcgccg ccggggggag gagggccatg    120
atccaaagga accagagcag ttgagaaaac tgtttattgg tggctcgagc ttgaaacta    180
cagatgatag tttagagaaa cattttgaga aatggggcac actcacagat tgtgtggtaa    240
tgagagaccc ccaaacaaaa cgttccaggg gctttgggtt tgtgacttat tcttgtgttg    300
aagaggtgga tgcagcaatg tgtgctcgac cacacaaggt tgatgggcgt gtagtggaac    360
caaagagagc tgtttctaga gaggattctg taaagcctgg tgcccatcta acagtgaaga    420
aaatttttgt tgggtggtatt aaagaagata cagaagaata taatttgaga gactactttg    480
aaaagtatgg caagattgaa accatagaag ttatggaaga caggcagagt ggaaaaaaga    540
gaggatttgc ttttgtaact tttgatgatc atgatacagt tgataaaatt gttgttcaga    600
aataccacac tattaatggg cataattgtg aagtgaaaaa ggccctttct aaacaagaga    660

```

tgcagtctgc	tggatcacag	aggggtcgtg	gaggtggatc	tggcaatttt	atgggtcgcg	720
gagggaaactt	tggaggtggt	ggaggttaatt	ttggccgtgg	tggaaacttt	ggtggaagag	780
gaggctatgg	tgggtggaggt	ggtggcagca	gaggtagtta	tggaggaggt	gatggtggat	840
ataatggatt	tggaggtgat	ggtggcaact	atggcgggtg	tcctggttat	agtagtagag	900
ggggctatgg	tgggtggtgga	ccaggatatg	gaaaccaagg	tgggtggatat	ggtggaggtg	960
gaggatatga	tggttacaat	gaaggaggaa	attttggcgg	tggtaactat	ggtggtggtg	1020
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aagggggcag	ttttggtgga	agaagctcgg	gcagtcccta	tgggtggtggt	tatggatctg	1140
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atgggttaagt	cctaaataac	ttcaagtgtg	gttatataat	ggacactgtc	aatgttcata	3060
acttaaacct	gggtacctgg	tcaaaataat	gcttgggaaa	cattaaaatt	gagctaaatt	3120
gtctcaagtt	cttttattca	tataaataaa	gtttaaagga	atgggggaga	ttaacatttc	3180
ctgttttatg	tttgtgaaat	tgtttgacac	aaccttgaca	gtatccttta	atggcatgag	3240
gttaattgta	ctgttaacca	actttctatg	ttctggaact	agtattatag	tgaaaacatt	3300
tacagtaagt	tgatgtttac	aacctataag	cagggtgaaat	ctgtgtatgt	gacctgttta	3360
taagttgtat	tagcttagct	cttgtgaaca	gtgtggaaaa	gtaagccatg	aggagagcga	3420
tttaaccacc	tttaaaggac	ctaagatgtg	ctttttaagc	acagtgtgga	tcacagaaac	3480
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gacaaggcag	cagcaagagc	ttcaactaca	gagaagtga	ggcataagat	actatgatga	3600
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agtctagcag	gaaggagc					3678

<211> 1471  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1282)...(906)  
 <223> similar to gi3549605 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7127

tttacaagaa	acactcatta	tttattcatg	tggctgaaag	agtatatata	ttatgttttag	60
atTTTTggaa	aaagtctgaa	caaaaaaagg	acctatacag	tgctcaaaact	atatttttta	120
aaataactaat	tttattttta	ctccacatat	ggaaaaaaat	ggctgtacta	tcatgtttac	180
catacatact	aacattggaa	acagaataac	gaattgtatt	taaattttat	gaagaacaca	240
caaacattaa	aacactgatt	ggttacagaa	agcagagttt	gaggaaaaaa	cattagctat	300
aatTTTcatt	ttcattaaag	agcagcaccc	tctgagaata	atcaaactga	ttagtaatat	360
tcatctatac	tgcaaaataa	tatgtacaaa	ggaaagttag	tgattgtact	gattttatta	420
ctTTTacc	gccattttat	gttcctcact	caatgcaaag	aaataaaaaca	taatctgaag	480
aaaaatatgt	ccttattatt	attcacaata	aaaagtggc	tttattctgc	aagcctgggc	540
atattgtaca	attggcagca	cttaacggct	caagtggatc	aatgtaccag	tttgattctg	600
atccactgaa	tagaatctct	catccatatt	tggtagaccag	actaaactcca	tgggagctgt	660
gatagactga	accattttctg	tggtatccct	agatctcact	aaataagaaa	gaccctacac	720
cagaaaaatat	agcaactgat	ctatctataa	attacatcta	tatgctagct	ctttagtata	780
agttggaaaa	aggggccctt	tcttgagcac	atggataaaa	gtattattgt	agtctaaaga	840
ttgctggatt	gatattgtgt	tggtataatg	aagataaggt	acacactgaa	accactgtca	900
gattaagaaa	cttcacacac	ttgtctcagt	tcttcaaaca	atggagcaag	ttccttttct	960
aggctgacaa	ttagtcctgt	attggcactg	ctgctggcta	tgaaactcac	caccaaaggt	1020
aaacgattaa	attgaaccac	ctggtaggtg	ttatagtaac	agatgatact	tttatttttg	1080
gaaagtccaa	gtttgcttcc	ttggtctgtt	gcaagggcaa	aagtggataa	gaaaccaggt	1140
cgcaaagcat	gctctggagc	attgtcattt	gccactttta	taacagggtac	tccatctcta	1200
tctgacacaa	caatggcatg	gagcccttca	acacttggtg	actttttata	caagaatcgc	1260
tttaggtcat	ccgccatgat	gaacccccct	ctctcgcagg	atcaatctcc	acgcctgggg	1320
tttctgggct	gcctggttct	ctccgctgtc	acttcaggga	cagcttttaa	gacaggttcc	1380
tcctcaagcc	accgtcacat	gattcatgac	ctcgtctgcg	ctccaggaag	cactttataa	1440
gccgccgtcg	ccctacgata	cgggatttcc	g			1471

<210> 7128  
 <211> 839  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (52)...(432)  
 <223> similar to gi3255997 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 7128
gcggggaatt cccgatctgct gctcgtctca ggctcgtagt tcgccttcaa catgccggaa    60
ccagcgaagt cccgtcccgc gcccaagaag ggctcgaaga aagccgtgac taaggcgcag    120
aagaaggacg gcaagaagcg caagcgcagc cgcaaggaga gctactccgt atacgtgtac    180
aaggtgctga agcagggtcca ccccgacacc ggcatctcct ctaaggccat gggaatcatg    240
aactccttcg tcaacgacat cttcgaacgc atcgcggtg aggcctccccg cctggcgcat    300
tacaacaagc gctcgacccat cacctccagg gagatccaga cggccgtgcg cctgctgctg    360
cccggggagt tggccaagca cgccgtgtcc gagggcacca aggcctgcac caagtacacc    420
agcgctaagt aaacttgcca aggagggact ttctctggaa tttcctgata tgaccaagaa    480
agcttcttat caaagaagc acaattgcct tcggttacct cattatctac tgcagaaaag    540
aagacgagaa tgcaaccata cctagatgga cttttccaca agctaaagct ggctcttga    600
tctcattcag attccaaaga gaatcattta caagttaatt tctgtctcct tgggtccattc    660
cttctctcta ataatcattt actgttcctc aaagaattgt ctacattacc catctcctct    720
tttgccctctg agaaagagta tataagcttc tgtaccccccac tgggggggttg gggtaatat    780
ctgtggctct cagccctgta ccttaataaa tttgtatgcc ttttctctta aaaaaaaaa    839

```

```

<210> 7129
<211> 1124
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(815)
<223> similar to gi5410308 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7129
tgcctttccg tcaattcctg tctggggcgt acgtcaagat ggcggcgtct gtattaaaca    60
ccgtgctgag gcggcttcct atgctatctc tcttccgagg ttctcacaga gttcagggttc    120
ccctccagac tctttgcacc aaagctccct ctgaggaaga ttctttgtcc tcagttccca    180
tttctcctta taaggatgag ccttggaat atctggaatc agaagaatac caggagcgat    240
atggttctcg ccccgctctgg gctgactacc gccgcaacca caaggggtgg gtacccccac    300
agcggactcg gaagacatgt attcgtcgga ataaagttgt tgggaatccc tgccccatct    360
gtcgagatca caagttgcat gttgacttta ggaacgtgaa gctcttgagg caatttgtct    420
gcgcccacac gggatatcat ttctatgtct catacacagg agtctgtgtg aagcagcaca    480
agcggttgac ccaggccatc cagaaagcca gggatcatgg tctcctcatt taccacatcc    540
cccaggttga accacgggac cttgacttca gtacctctca tggggctgtg agtgctactc    600
cgccagcccc caccctggtc tcaggtgacc cctggtaccc atggtacaac tggaaacagc    660
caccggagag agaactgtct cgcttccgcc ggctttacca gggatcatct caagaagaga    720
gtggcccccc acctgagtca atgcccaga tgccccctag aacaccagcg gaagcctcct    780
ccactgggca gacaggccct cagagtgtct tgtaggagct gtagactggg aagagaggcc    840
aggcgtgggt gctcactcct gtaatccag cactttggga agccaagggt ggctgacac    900
ttgatccag gagtttgaga ccagcctggg caccatggtg aaacctcgtc tttacaaaaa    960
aatacaaaaa ttagctgggt gtgggtggtg acacctgtag tctcaactat tggggagggt    1020
aaggtaggat cacttgatcc caggaggcgg aggttgcagt gagttgcagt cacaccctg    1080
cactccagcc tgggtgacag ctagaccctg tctcaaaaaa aaaa                    1124

```

```

<210> 7130
<211> 2152
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2153)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (110)...(891)
<223> similar to gi471981 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7130
cgccgggacct ggggaagggg cgggcgcggg gacccgatgc gcgggagcgg aggccgagat      60
ggcttcggcg ggaggcgaag actgcgagag ccccgcgccg gaggccgacc gtccgcacca      120
gcggcccttc ctgatagggg tgagcgggcg cactgccagc gggaagtcga ccgtgtgtga      180
gaagatcatg gagttgctgg gacagaacga ggtggaacag cggcagcggg aggtggtcat      240
cctgagccag gacaggttct acaaggtcct gacggcagag cagaaggcca aggccttgaa      300
aggacagtac aattttgacc atccagatgc ctttgataat gatttgatgc acaggactct      360
gaagaacatc gtggagggca aaacggtgga ggtgccgacc tatgattttg tgacacactc      420
aaggttacca gagaccacgg tggctctacc tgcggacgtg gttctgtttg agggcatctt      480
ggtgttctac agccaggaga tccgggacat cgccctcttcg tggacaccga      540
ctccgacgtc aggtgtgtc gaagagttct ccgggacgtg cgccgaggga gggacctgga      600
gcagattctg acgcagtaca ccacctctgt gaagccggcc ttcgaggagt tctgcctgcc      660
gacaaagaag tatgccgatg tgatcatccc gcgaggagtg gacaatatgg ttgccatcaa      720
cctgatcgtg cagcacatcc aggacattct gaatggtgac atctgcaaat ggcaaccgagg      780
agggccaat gggcgagct acaagcggac cttttctgag ccaggggacc accctgggat      840
gctgacctct ggcaaacggt cacatttgga gtccagcagc agaccccaact gaggggctgc      900
cgagcctcag ggcaggtctc ccgcccggca tgtgtgttca gggactgagc ctggggacgc      960
ccacccacac ccactgcttc ctctcggcgc accccagggg agtggttagca gcgaggcctt     1020
cctcactcag gagtggaaac tcagatgtgt cactcagact caacttgctg ggacactgac     1080
aggcgttcct gaggttttca gccacttagg ctcgttgcgg tttaaagatc cctctaggtc     1140
actgagaaat gccacagaat gtgcaggaag cctgggaggc ttctgtgagg aatgtgaggc     1200
acattattgg ggaaattgag gagacagcct agacactggc tggcctgatg ttttgttgac     1260
agtgaaccca cagtgggaga gagtttttct cagtctgatc tggttcttac aactcacac     1320
acataactca aaagttttgt gaacaagtac ttctcttttt tacatgttac atgtcctcat     1380
gttttctgtt ttctgtttca taacacaagg ctggttggtg cctacaaacc taatttcatg     1440
accagtggt ttgcagcca gcgtggccta cacggtatg gggagccact gagggatgtt     1500
ttccccctt gcttgtgcct taaaggcaga gaagcgagg ggatgccctg gaagcacca     1560
gcatcacacc caggcttgtg cggggccagg ctgggagccc atgcagtagg gcagaaggca     1620
gcggaggcca ggtctgtccc ggctggagaa cagcgttcca cgcaagtcct gcctggggtc     1680
aggccctcac tgacctcag gggagccccc aagggtgctgt ctgtcctaaa acaggctgtt     1740
cccaccccag ggtggctagt gggcccatat gcagggaatg gtgcttctct gctgtggcac     1800
tgactgggn tcaaccaggg tccccagcag acatggcctg cccaaagtca gcaagcctcc     1860
tttgtgcgta tgtggagctc acagcctcac atgtgaacac ccgtgtctgg gttgcctggg     1920
gtgatectcc ctctgcgtg gtggctgtct ctggaaagca tcccttgccg ctgccatggg     1980
cagccccagc ccccgctcgt ccaggctcac ccacagtagt gatgcagacg tgacgtgggg     2040

```

```

gaagggggct gagccctgtg gctgggttct gacaactgta acggttttgt cgagcttagg 2100
cccctttgga gggagaaatca ataaataaca aacaccaact acaaaaaaaaa aa 2152

```

```

<210> 7131
<211> 883
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (389)...(669)
<223> similar to gi5912179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7131
tttcgtgccg gtcggaggcg gtcggcggag gtgtctaccc cgccgggtgat ggcgttgaac 60
gccactggct tcccggcctt ccgtccgctg cctccgtccg attctgcgtc tgcttgctga 120
ggaggcggat taggggggag cggagctctt tcccttgagt gcatagggtcc cggttggttag 180
agggtttgag tccgcatcgc cacagctgaa ggctgcgagg gactaagagc agaatatatc 240
tttagaaatg agttgcacaa ttgagaaggc acttgccgac gctaaagctc ttgttgaaag 300
attaagagat catgacgatg cagcagaatc tctgattgag caaaccacag ctctcaacaa 360
gcgagtagaa gccatgaaac agtatcagga agaaattcaa gaacttaatg aagtcgag 420
acatcggcca cgggtccacgt tagttatggg aatccagcaa gaaaacagac aaatcagaga 480
gttgcaacaa gaaaacaaag aattacgtac atctctggaa gaacatcagt cggccttgga 540
acttataatg agcaagtacc gagaacaaat gtttagattg ctaatggcta gcaaaaaaga 600
tgatccgggt ataataatga agttaaaga gcagcactcc aagattgaca tgggtacatcg 660
taacaagtcc gaaggattct tccttgatgc atctcgacac atccttgaag cacctcaaca 720
tggaactggag agaaggcact tggaaagcaa tcagaatgta cactaaataa acagtcaact 780
tttggggtgt ggatggaagg ggggtccatt ttaaagtgc ttttacattg aatttccttc 840
ccagattaga tcagcaataa aatgaaattt attaaaaaaa aaa 883

```

```

<210> 7132
<211> 2356
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2357)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2143)...(189)
<223> similar to gi3493162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400>	7132					
tttttttttt	ttcccaggtc	cagcttttatt	acctaataca	agtccaacct	ctggaacatc	60
caaattcgct	gttccaaagt	ttaattaaaa	acacaattta	caaatattta	atatcttctg	120
aaaagcattt	ttaagttaag	aatgaaaaag	tatgtacata	atatataatc	aaataccagg	180
cagcctcaac	ttccaccagg	tccacactca	gcaacatccg	tcttttttagg	ttcttcagtg	240
tcttctgtca	aatccacaaa	gttggtttcc	atgacggggg	aaggaatgga	aatccccatt	300
gcttttcgaa	ctccatacgt	gcttacgata	tcacctggag	ttacttgctg	tgcaagttct	360
ttaagattat	tggtcacttg	ttcagcaaga	tgcatthtct	tgtatgaggg	acccaagaga	420
cagatcatgt	tcggaggggg	tctggtgctc	aaacgttcat	tctgggcttc	ctggagttcc	480
ctgagcaatc	tggtggtctc	atcaagtttc	ttctggaata	tttcagcttc	ttcagagtca	540
aaaaactcaa	ctggaacgcc	aaaatttggt	actgctttca	gcgctatgag	cctgtcttga	600
gtactggagt	ccaaacgccc	tgggtgctct	acttctgtaa	tctgctccat	ttcttttgct	660
gtgtcaagtg	ctctagtatg	gccttcatct	tcaggcaaatg	acatctccat	ctctttagag	720
gtcctggaat	gccctccttt	tgttaaaaa	tccagtaaac	tatctgccat	gacatacggg	780
taatcttggc	acgtggccaa	aaactcatgg	atgctgaaat	cacttggaag	atcagagtct	840
tccccatagg	ttgaatagat	taaatcagaa	tcataccttgc	tgatatttgc	aaatgtggag	900
tcataaatgcg	gtgcataaga	actgtagggc	ccataattca	aatataacac	tgagtgact	960
ttgttccttt	tatctctttt	gaacccctgc	aaagtattca	ctccagactg	aagtcttcca	1020
gttgctcattc	ccagtctcac	agggcagtag	cctggctctc	ctacaatggg	atccacagga	1080
tggagaagtc	ccaacgtcgt	tgttccatct	ggttttcttc	tttcaaattc	gcactgactg	1140
ttcacaagcc	gcctggtcag	ctttcctcca	gattccttca	cgatgcggtc	aagctgctcc	1200
tgctctctct	ctaaattatt	gcttttaaac	ttatcttcaa	gcatatcttt	gtctttcttt	1260
ttattttctt	tgctgggact	cttgaaggcg	tgtgcttcgg	catctccaga	gtcctctctc	1320
tctctctgcc	agcagcctcc	gtcctcccca	ctctgtgagg	tgtctgttcc	atctttctgc	1380
tttcgagttt	tctgcaagtc	agccatgaag	tctatgctct	gcttcaggct	ctgaattctt	1440
tcttggtcaa	gaattttcat	tccctagctg	aacagctctt	ttgcagcttt	ataataaatg	1500
gtctctggtt	tattgtaaat	catggcatta	gtacacatta	tgttgaagtt	atccttttagt	1560
tcttctatgg	actgatagtc	attgttcttg	atcttttctt	tcatggctact	aaaatccatt	1620
gggtgtttta	tgatcatgga	gtagccagga	gcaataaaat	cagtcacagg	aaatgaaaag	1680
aaagcacttg	gatcttttct	ctgcaattgt	ctcatcagtt	gattcaaagc	ttcttgaagg	1740
ggtgtctggt	ctacttcttc	ttgtttggct	aaagagcttg	tgagaggctt	ctcaggaggc	1800
aagtctaatc	tcacaggggc	gtgacactgg	agatcttttt	ctgcctcatt	ctccaccggg	1860
tctcgatctc	gcttcttttt	atcctcctta	actcttctcc	gttttctccc	cttttcttcc	1920
cctggaatct	gcttctctcc	tttcttttct	tttttccgct	ttctgtcctt	gtgtttgtca	1980
tgatcgtttt	tgtcttcgaa	gaggctggag	tcgtgccccg	agctgcccgt	ggagagttcg	2040
gtgacttcgt	tccctcctac	tttgaggacc	agcttcaagg	gcttctctac	atactcctcg	2100
tagagggtgt	tgtccgactt	gtgcttcttg	tgttcttctg	agaaaactcg	aaagcagaaa	2160
gatggaacag	acacctcaca	gagtggggag	gncggaggct	gctggcagag	agagagagag	2220
gactctggag	atgccgaagt	acacgccttc	aagagtccca	gcaaagaaaa	taaaaagaaa	2280
gacaaagata	tgcttgaaga	taagtttaaa	agcaataatt	tagagagaga	gcaggagcag	2340
cttaaccgca	tcgtga					2356

```
<210> 7133
<211> 1944
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc feature
```

<222> (205)...(670)  
 <223> similar to gi3879017 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7133

ccagtctggt	ggaattcctg	tgaggggccc	cgtctcgag	cagccgccc	gaccgggcat	60
ggtgttgggc	gccgggccc	cctcgctgt	ctcggggagc	ccagggtaaa	ggcagcagta	120
atgctaacgc	tagcaagtaa	actgaagcgt	gacgatggtc	tcaaagggtc	ccggacggca	180
gccacagcgt	ccgactcgac	tcggaggggt	tctgtgagag	acaaattgct	tgttaaagag	240
gttgacagaac	ttgaagctaa	tttaccttgt	acatgtaaag	tgcatTTTcc	tgatccaaac	300
aagcttcatt	gttttcagct	aacagtaacc	ccagatgagg	gttactacca	gggtggaaaa	360
tttcagtttg	aaactgaagt	ttccgatgcg	tacaacatgg	tgcttcccaa	agtgaatatgc	420
ctgaccaaga	tctggcacc	caacatcaca	gagacagggg	aaatatgtct	gagtttattg	480
agagaacatt	caattgatgg	cactggctgg	gctcccacaa	gaacattaaa	ggatgtcggt	540
tggggattaa	actctttgtt	tactgatctt	ttgaattttg	atgatccact	gaatattgaa	600
gctgcagaac	atcatttgcg	ggacaaggag	gacttccgga	ataaagtgga	tgactacatc	660
aaacgttatg	ccagatgata	aaaggggacg	attgcaggcc	catggactgt	gttacagttt	720
gtctctaaca	tgaaacagca	agaggtagcc	ccctctccc	tcctcatgct	ccctctcagt	780
cccctggatt	gccccagtc	tgtgaccatg	ttgccctgaa	gaagaccatc	ttcatgactg	840
ctcattgtag	atggagaatt	caacataaat	acagcaagaa	aatgtgtttg	ggcttctgaa	900
gagttgtctg	cttaccttaa	catgtttact	tttttgaact	tgtactgtat	aggctgttgg	960
tgaaattctt	aagaagttgt	aatgaactca	aaattgaggc	cagagcttgc	tttccctttt	1020
cccaaacaaa	attggttttc	tgcaacaagc	atgctaata	tgtgttcagt	gtaactcgca	1080
gattggcaat	aagatacccg	ctacaaactg	tgattggatg	caaaatctct	tagcttcttt	1140
cacgaatgtt	ggccctgcct	agatgttgtg	aagcctccca	gaatgcatag	agtcattcac	1200
tgtagatctc	ttattgaaat	gcgtatttta	tttaattgaa	gtatattttg	gaacagattt	1260
gtaatttgta	caattcaatg	ctttaattat	tttttctatt	ctcatttagt	ttgtattttc	1320
attgtataga	gcagacagaa	agatgttggg	tcaagcaact	attgaagaga	aatacaaaaga	1380
aaatatgaaa	ggcacattat	tcattttgtc	caaattgcaat	gagaatctca	ctcttaaaaa	1440
tcagctcttg	ctttcgggtc	cggatgtggg	gagcacattt	tggagccctt	tgaagctaga	1500
tttgatgat	caaaacaaaa	aggcagggag	ccatttctaa	catgctgccc	agaggaaact	1560
ggctggagcc	tggaccagct	ggggctgatg	cttttgcagt	ggatcatgtg	ttgtgacctg	1620
gtagctactt	atcagagagc	ccagaccctg	ctgtcctggg	agacaggagc	gatgcctcag	1680
gaatcagccc	aatgtctgat	gtcactgaga	ctgtacctgt	ggccattctt	ctgagtttgc	1740
tatggctcca	aggccctgcc	ggctgggggtg	aagcctccta	aggcccttgg	aaggaccaag	1800
gagtcaacag	tggcatatgc	catcctccgg	ccagggttaat	atactgcaga	ggaaaagccc	1860
tgaagagagg	caagtggatt	tactccagca	tgtagacatt	tgaaccagtg	aaatcaaaca	1920
caaaataaat	gtctgtctag	tttc				1944

<210> 7134  
 <211> 1565  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (80)...(922)  
 <223> similar to gi4894847 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7134
ccgctgagtc ggcagcctcg ccggcagctc gctcggcccc cgcttgcccc ggcccgcagg 60
gttctctccc cttgccacca tgagcagagtc atttgactgt gcaaaatgca acgagtcacct 120
gtatggacgc aagtacatcc agacagacag cgccccctac tgtgtgccct gctatgacaa 180
tacctttgcc aacacctgtg ctgagtgcca gcagcttata gggcatgact cgaggggagct 240
gttctatgaa gaccgccatt tccacgaggg ctgcttccgc tgcctgccgt gccagcgctc 300
actagccgat gaacccttca cctgccagga cagtgcagct ctctgcaatg actgctactg 360
cagtgcgttt tcctcgagtc gctccgcttg tggggagact gtcagtcctg ggtcccggaa 420
gctggaatat ggaggccaga catggcatga gcactgcttc ctgtgcagtg gctgtgaaca 480
gccactgggc tcccgttctt ttgtgcccga caagggtgct cactactgctg tgccctgcta 540
tgagaacaag tttgctcctc gctgcgcccg ctgcagcaag acgctgacac aggggtggagt 600
gacataccgt gatcagccgt ggcacgcaga atgtctggtc tgtaccgat gccagacgcc 660
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aaaaa 1565

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<210> 7135
<211> 2219
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (421)...(1374)
<223> similar to gi4680675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gttggtcagg ctggtcttga actcccgacc tcaggtgatc cacctgcctt ggctcccaa 240
agtgtcggga ttacaggcgt gacgactgca cctgcagccg cctagtctct ttctccttct 300
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<210> 7136

<211> 5359

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (179)...(5028)

<223> similar to gil632819 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7136

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<210> 7137
<211> 844
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (62)...(651)
<223> similar to gi36128 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gaagggtctg ttagacccca atgagaccaa tgaaatcgcc aatgccaaact ccgctcagca 180
gatccggaag ctcatcaaag atgggctgat catccgcaag cctgtgacgg tccattccccg 240
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gatt						844

<210> 7138  
 <211> 2315  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (458)...(1345)  
 <223> similar to gi4096748 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 7139

<211> 1646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (465)...(1397)

<223> similar to gi5225326 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7139

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<210> 7140  
 <211> 1264  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1020)...(518)  
 <223> similar to gi4929721 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 aaccaatgaa gaatccagcc actgaggcag ggcagaggaa gcagctttta ttgatgggtt 180  
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 ctttcccttc cctgtgcagc cttagaaact aagtagcagt actgtttggg gtgtgtttgt 360  
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 aaaa 1264

<210> 7141  
 <211> 975  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (916)...(187)  
 <223> similar to gi5138918 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters





<220>  
 <221> misc\_feature  
 <222> (125)...(893)  
 <223> similar to gi3878117 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7144

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catttgga	cttgatggac	tacggggact	ttatcaagga	gtaaccccaa	atataatggg	240
tgcaggttta	tcctggggac	tctactttgt	tttttacaat	gccatcaagt	catataaaac	300
agaaggaaga	gctgaacgtt	tagaggcaac	agaatacctt	gtctcagctg	ctgaagctgg	360
agccatgacc	ctctgcatta	caaaccatt	atgggtaaca	aaaactcgcc	ttatgttaca	420
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gaaaatatat	aagtatgaag	gtgtgcgtgg	attatataag	ggatttggtc	ctgggctggt	540
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<210> 7145  
 <211> 2334  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (251)...(1268)  
 <223> similar to gi3191974 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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cggggagacg gaagagttac agaggatcaa gtggcaccga aagcagctcc tggaggacat 180
ccagaagctg aaggatgaga ttgcagatgt gtttgcccaa atcgactgct tcgagagtgc 240
ggaggagagc cggatggccc agaaggagaa ggagctgtgt attgggcgca agaagttcaa 300
catggacccc gccaaaggta tccagtattt cattgagcac aagctgctga cccctgacgt 360
ccaggacatt gcacggttcc tgtataaagg cgagggcctc aacaagacag ccattggtac 420
ctacctgggg gagagggatc ccatcaacct gcaggtcctc caggccttcg tggactgcca 480
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gccgggcgag gcccagaaga tagaccggat gatggaggcc ttgcccactc gatactgcct 600
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caggagggcc gcctggaggc agtggtctgag ccagaaagta acacagagct catgcttgga 2280
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<210> 7146

<211> 2309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (96)...(1679)

<223> similar to gil228085 in the genepept database release 114,



64507

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gcgaccgat	gcagcactgg	aaggagcagc	gggccgcgca	gaaagctgat	gtcctgacca	180
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<221> misc feature

<222> (70)...(1048)  
 <223> similar to gi431857 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7147

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aaatttggtc	tatactgatt	gttttctact	attccaatat	tattacttat	aacactgacc	2640
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<210> 7148  
 <211> 599  
 <212> DNA  
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 <221> misc\_feature  
 <222> (71)...(538)  
 <223> similar to gi31725 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7148

ggcacgagg	aacgtctgag	gttatcaata	agctcctagt	ccagacgcca	tgggtcattt	60
cacagaggag	gacaaggcta	ctatcacaa	cctgtggggc	aaggtgaatg	tggaagatgc	120
tggaggagaa	accctgggaa	ggctcctggt	tgtctaccca	tggacccaga	ggttctttga	180
cagctttggc	aacctgtcct	ctgcctctgc	catcatgggc	aaccccaaag	tcaaggcaca	240
tggcaagaag	gtgctgactt	ccttggggaga	tgccataaag	cacctggatg	atctcaaggg	300
cacctttgcc	cagctgagtg	aactgcactg	tgacaagctg	catgtggatc	ctgagaactt	360
caagctcctg	ggaaatgtgc	tggtgaccgt	tttggcaatc	catttcggca	agaattcac	420
ccctgaggtg	caggcttcct	ggcagaagat	ggcagaagat	ggtgactgga	gtggccagtg	480
ccctgtcctc	cagataccac	tgagctcact	gcccattgatg	cagagctttc	aaggataggc	540
tttattctgc	aagcaatcaa	ataataaatc	tattctgcta	agagatcaca	aaaaaaaa	599

<210> 7149  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (144)...(462)  
 <223> similar to gi4886451 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7149

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaaggggc	ttccgccacg	120
gccgtctctg	gagagcagca	gccatggccc	tacgctaccc	tatggccgtg	ggcctcaaca	180
agggccacaa	agtgaccaag	aacgtgagca	agcccaggca	cagccgacgc	cgcgggcgtc	240
tgaccaaaaca	caccaagtgc	gtgcggggaca	tgattcggga	ggtgtgtggc	tttgcccgt	300
acgagcggcg	cgccatggag	ttactgaagg	tctccaaggga	caaacggggc	ctcaaattta	360
tcaagaaaag	ggtggggacg	cacatccgcg	ccaagaggaa	gcgggaggag	ctgagcaacg	420
tactggccgc	catgaggaaa	gctgctgcc	agaaagactg	agcccctccc	ctgccctctc	480
cctgaaataa	agaacagctt	gacagaagcc	ctggctctcc	tgctgtccgt	gggtgggtgt	540
gggtgtgtcg	ggggcccgca	gtcccctgtc	tgggtgcccgc	tttgagccac	accctctccg	600
ggtgctgcct	ggtcgtgaat	caaaagccgt	ggcccggcca	cccttcccgg	ggcagcaggt	660

gaggaagccg ccgtactgca aatgacttta atcattaaat agcttatatg ccccaaa 717

<210> 7150  
<211> 2193  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (121)...(1417)  
<223> similar to gil78279 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7150  
gaagatatatt aaaggcgctcg gcgccacgcg catatccctg ctggcgctg cccgccagtc 60  
tcctgttccc agactgaggg ccagccccct tcgcccgttt ccatcacgag tgccgccagc 120  
atgtctgaca aactgcccta caaagtcgcc gacatcgggc tggctgcctg gggacgcaag 180  
gccctggaca ttgtgagaa cgagatgccg ggcctgatgc gtatgcggga gcggtactcg 240  
gcctccaagc cactgaagg cgcccgcatc gctggctgcc tgcacatgac cgtggagacg 300  
gccgtcctca ttgagaccct cgtcacccctg ggtgctgagg tgcagtggc cagctgcaac 360  
atcttctcca ccaggacca tgcggcggtt gccattgcca aggtggcat tccggtgtat 420  
gcctggaagg gcgaaacgga cgaggagtag ctgtggtgca ttgagcagac cctgtacttc 480  
aaggacgggc ccctcaacat gattctggac gacgggggcg acctaccaa cctcatccac 540  
accaagtacc cgcagcttct gccaggcatc cgaggcatct ctgaggagac cagcactggg 600  
gtccacaacc tctacaagat gatggccaat gggatcctca aggtgcctgc catcaatgtc 660  
aatgactccg tcaccaagag caagtttgac aacctctatg gctgccggga gtccctcata 720  
gatggcatca agcgggccac agatgtgatg attgccggca aggtagcggg ggtagcaggc 780  
tatggtgatg tgggcaagg ctgtgccag gccctgcggg gtttcggagc ccgcgtcatc 840  
atcacgaga ttgaccccat caacgcactg caggctgcca tggagggcta tgaggtgacc 900  
accatggatg aggcctgtca ggagggcaac atctttgtca ccaccacagg ctgtattgac 960  
atcatccttg gccggcactt tgagcagatg aaggatgatg ccattgtgtg taacattgga 1020  
cactttgacg tggagatcga tgtcaagtgg ctcaacgaga acgccgtgga gaaggatgaac 1080  
atcaagccgc aggtggaccg gtatcggttg aagaatgggc gccgcatcat cctgctggcc 1140  
gagggtcggc tgggtcaacct gggttgtgcc atgggccacc ccagcttcgt gatgagtaac 1200  
tccttcacca accagggtgat ggccgagatc gagctgtgga cccatccaga caagtacccc 1260  
gttggggttc atttcctgcc caagaagctg gatgaggcag tggctgaagc ccacctgggc 1320  
aagctgaatg tgaagttgac caagctaact gagaagcaag ccagtagcct gggcatgtcc 1380  
tgtgatggcc ccttcaagcc ggatcactac cgctactgag agccaggctc gcgtttcacc 1440  
ctccagctgc tgtccttgcc caggccccac ctctcctccc taagagctaa tggcaccaac 1500  
tttgtgattg gtttgtcagt gtcccccatc gactctctgg ggctgatcac ttagtttttg 1560  
gcctctgctg cagccgtcat actgttccaa atgtggcagc gggaacagag taccctcttc 1620  
aagccccggt catgatggag gtcccagcca cagggaacca tgagctcagt ggtcttgaa 1680  
cagctcacta agtcagtcct tccttagcct ggaagtcagt agtggagtca caaagcccat 1740  
gtgttttgcc atctaggcct tcacctggtc tgtggactta tacctgtgtg cttggtttac 1800  
aggtccagtg gttcttcagc ccatgacaga tgagaagggg ctatattgaa gggcaaagag 1860  
gaactgttgt ttgaattttc ctgagagcct ggcttagtgc tgggccttct cttaaaccctc 1920  
attacaatga ggttagtact ttagtccct gttttacagg ggttagaata gactgttaag 1980  
gggcaactga gaaagaacag agaagtgaca gctaggggtt gagaggggccc agaaaaacat 2040  
gaatgcaggc agatttcgtg aaatctgcca ccactttata accagatggt tcctttcaca 2100  
accctgggtc aaaaagagaa taatttggcc tataatgtta aaagaaagca ggaaggtggg 2160

taaataaaaa tcttggtgcc tggaaaaaaaa aaa

2193

<210> 7151  
<211> 349  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (194)...(136)  
<223> similar to gil072242 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7151  
tgtgattctt atggcatctg ccttctcaag cccttagtca ttaattatth actctcatat 60  
ctctcaatgc atgcagttta gtgcctagca ctaagtgatg gtttgtgtgc atggttggcc 120  
cagcagaaat atgtttgtcc atccatccat ccacccatcc atccatccat ccacccatcc 180  
atccctccct ccctccctcc aaatcattca tcaaataagg gaaccttccc caaagggtccc 240  
agctgttctc tctcccttcc ttataggcta taactgggta acatgcctag cccagatcat 300  
tcactcccag gcacagcaaa caattagctt agactagcca ggattgggtt 349

<210> 7152  
<211> 682  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (97)...(539)  
<223> similar to gi455997 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7152  
ccactgaagc gctcagatgg ctgtaacgac ggccgaccca cgcgtccgcc cagcgtggg 60  
cacaactgtg ttcactagca acctcaaaca gacaccatgg tgcacctgac tctgaggag 120  
aagtctgccg ttactgccct gtggggcaag gtgaacgtgg atgaagttgg tggtagggcc 180  
ctgggcaggc tgctggtggt ctacccttgg acccagaggt tctttgagtc ctttggggat 240  
ctgtccactc ctgatgctgt tatgggcaac cctaagggtga aggtcatgg caagaaagtg 300  
ctcggtgcc ttagtgatgg cctggctcac ctggacaacc tcaagggcac ctttgccaca 360  
ctgagtgagc tgcactgtga caagctgcac gtggatcctg agaacttcag gctcctgggc 420  
aacgtgctgg tctgtgtgct ggcccatcac tttggcaaag aattcacccc accagtgcag 480  
gctgcctatc agaaagtggg ggctgggtgtg gctaattgcc tggcccacaa gtatcactaa 540  
gctcgctttc ttgctgtcca atttctatta aaggttcctt tgttccctaa gtccaactac 600

taaactgggg gatattatga agggccttga gcatctggat tctgcctaataaaaaacatt 660  
tatttttcatt gcaaaaaaaaa aa 682

<210> 7153  
<211> 1393  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc feature  
<222> (184)...(791)  
<223> similar to gi953239 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7153  
ctatTTTTga gaagctgaag caactccaag gacacagttc acagaaattt ggttctcagc 60  
cccaaaatac tgattgaatt ggagacaatt acaaggactc tctggccaaa aacccttgaa 120  
gaggccccgt gaaggaggca gtgaggagct tttgattgct gacctgtgtc gtaccacccc 180  
agaatgtgca ctgggggctg tgccagatgc ctggggggga ccctcattcc ccttgctttt 240  
tttggttccc tggctaacat cctgttattt tttcctggag gaaaagtgat agatgacaac 300  
gaccaccttt cccaagagat ctggtttttc ggaggaatat taggaagcgg tgtcttgatg 360  
atcttccctg cgctggtgtt cttgggcctg aagaacaatg actgctgtgg gtgctgcggc 420  
aacgagggct gcgggaagcg atttgcgatg ttcacctcca cgatatttgc tgtggttgga 480  
ttcttgggag ctggatactc gtttatcatc tcagccattt caatcaacaa gggtcctaaa 540  
tgctcatgg ccaatagtac atggggctac cccttccacg acggggatta tctcaatgat 600  
gaggccttat ggaacaagtg ccgagagcct ctcaatgtgg ttccctggaa tctgaccctc 660  
ttctccatcc tgctggtcgt aggaggaatc cagatggttc tctgcgccat ccagggtggc 720  
aatggcctcc tggggaccct ctgtggggac tgccagtgtt gtggctgctg tgggggagat 780  
ggaccctgtt aaacctccga gatgagctgc tcagactcta cagcatgacg actacaattt 840  
cttttcataa aacttcttct cttcttggaa ttattaattc ctatctgctt cctagctgat 900  
aaagcttaga aaaggcaggt tattcccttc ctttcccaac ccagctttgc ctcgagttac 960  
gaattttgtt attttcaaataaaaaatagt ttggccactt aacaaatttg atttataaat 1020  
ctttcaaatt agttcctttt tagaatttac caacagggtc aaagcatact tttcatgatt 1080  
tttttattac aaatgtaaaa tgtataaagt cacatgtact gccatactac ttctttgtat 1140  
ataaagatgt ttatatcttt ggaagtttta cataaatcaa aggaagaaaag cacattttaa 1200  
atgagaaact aagaccaatt tctgttttta agaggaaaaa gaatgattga tgtatcctaa 1260  
gtattgttat ttgttgtctt tttttgctgc cttgcttgag ttgcttgtga ctgatctttt 1320  
gaggctgtca tcatggctag ggttctttta tgtatgttaa attaaaacct gaattcagag 1380  
gtaacgtaaa aaa 1393

<210> 7154  
<211> 2094  
<212> DNA  
<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(2095)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (462)...(1290)
<223> similar to gi4456148 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7154

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ggcacgagcc ggggatggct gtgtgttgct agagcacagg ctgattaagc gctcactgtg      60
ctggctctct gtgccactcc tggaaaataa tgaattgggt aaggaacagt taataagaaa     120
atgtgccttg ctaactgtgc acattacaac aaagagctgg cagctcctga aggaaaaggg     180
cttgtgccgc tgcggttcaa acttgtcagt caactcatgc cagcagcctc agcgtctgcc     240
tccccagcac accctcatta catgtgtctg tctggcctga tctgtgcatc tgctcggaga     300
cgctcctgac aagtcgggaa tttctctatt tctccactgg tgcaaagagc ggatttctcc     360
ctgcttctct tctgtcaccc ccgctcctct ccccaggag gctccttgat ttatggtagc     420
tttggacttg cttccccgtc tgactgtcct tgacttctag aatggaagaa gctgagctgg     480
tgaagggaag actccaggcc atcacagata aaagaaaaat acaggaagaa atctcacaga     540
agcgtctgaa aatagaggaa gacaaactaa agcaccagca tttgaagaaa aaggccttga     600
gggagaaaat gcttctagat ggaatcagca gcggaaaaga acaggaagag atgaagaagc     660
aaaatcaaca agaccagcac cagatccagg ttctagaaca aagtatcctc aggcttgaga     720
aagagatcca agatcttgaa aaagctgaac tgcaaatctc aacgaaggaa gaggccattt     780
taaagaaact aaagtcaatt gagcggacaa cagaagacat tataagatct gtgaaagtgg     840
aaagagaaga aagagcagaa gagtcaattg aggacatcta tgctaataatc cctgaccttc     900
caaagtccta cataccttct aggttaagga aggagataaa tgaaagaaaa gaagatgatg     960
aacaataatag gaaagcttta tatgccatgg aaattaaagt tgaaaaagac ttgaagactg    1020
gagaaagtac agttctgtct tcaatacctc tgccatcaga tgactttaaa ggtacaggaa    1080
taaaagttta tgatgatggg caaaagtcag tgtatgcagt aagttctaata cacagtgcag    1140
catacaatgg caccgatggc ctggcaccag ttgaagtaga ggaacttcta agacaagcct    1200
cagagagaaa ctctaaatcc ccaacagagt atcatgagcc tgtatatgcc aatccctttt    1260
acaggcctac aacccacag agagaaacgg tgacccctgg accaaacttt caagaaagga    1320
taaagattaa aactaatgga ctgggtattg gtgtaaatga atccatacac aatatgggca    1380
atggctcttc agaggaaagg ggaaacaact tcaatcacat cagtcccatt ccgccagtgc    1440
ctcatccccg atcagtgatt caacaagcag aagagaagct tcacaccccg caaaaaaggc    1500
taatgactcc ttgggaagaa tcgaatgtca tgcaggacaa agatgcaccc tctccaaagc    1560
caaggctgag cccagagag acaatatttg ggaaatctga acaccagaat tcttcaccca    1620
cttgtcagga ggacgaggaa gatgtcagat ataatatcgt tcattccctg cctccagaca    1680
taaagataac agaaccggtg acaatgattt tcatggggta tcagcaggca gaagacagtg    1740
aagaagataa gaagtttctg acaggatatg atgggatcat ccatgctgag ctggttgtga    1800
ttgatgatga ggaggaggag gatgaaggag aagcagagaa accgtcctac cccccatag    1860
ctccccatag tcaggtgtac cagccagcca aaaccaacac acttcctaga aaaagatcag    1920
aagctagtcc tcatgaaaaa cacaatatcat aaatcccccc acaaaaattc catatctctg    1980
gaaagagcca agaagaaagc tttgggcagc cctggttcca ccattcccca tttgatgctc    2040
agacaacttg gagttgggga ctgaggggatc catccttaac agcntttaag ggat      2094

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<210> 7155
<211> 2525
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc feature

<222> (372)...(1865)

<223> similar to gil000890 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7155

ggaaaagacc	tgggcactcc	acgcagcctc	ccggctctcc	tgaggaactg	atgggctttc	60
tctgtctctt	tcttgctgat	ctttctgcct	gacttcgttt	tcaaaagagc	cagggtggga	120
accctaactg	gactcttcgg	gacccccagg	aaggatctga	ggcctgagcc	atcctccttt	180
ctaccctgtc	tgccccccag	gactggggcag	ttgcaggagg	ccctgggggg	gggcccagga	240
ctgtggttgt	gccccccccc	caaaggccgg	acaggatggg	accaagttag	tctgtccagt	300
ctcaccacgc	acctcccagg	cccagagaga	acccccgggg	ctctgaaagc	ttgccctgcc	360
gcctgaccgc	catggagacg	aagctgcccc	ctgcaagcac	ccccactagc	ccctcctccc	420
ccgggctgtc	gcctgtgccc	ccacccgaca	aggtggacgg	cttctcccgc	cgttccctcc	480
gcagagcccg	gccccgccgc	tcccacagct	cctctcagtt	ccgctatcag	agcaaccagc	540
aagagctcac	accgctgccc	ctgctcaaaag	atgtgccggc	ttccgagctg	cacgagctgc	600
tgagccggaa	gctggccccag	tgtgggggtga	tgtttgactt	cttggactgt	gtggccgacc	660
tcaaggggaa	ggaggtgaag	cgggcagccc	tcaacgagct	ggtggagtgt	gtggggagca	720
cccggggtgt	cctcatcgag	cccgctctacc	cagacatcat	ccgcatgac	tcagtgaata	780
tcttccggac	tctgccgccc	agtgagaacc	ctgaatttga	ccctgaagag	gatgagccca	840
atcttgagcc	ttcgtggcca	cacctgcagc	tggatatatga	gtttttcctg	cgtttcttgg	900
agagcccaga	cttccagccc	tccgtggcca	agagatatgt	ggatcaaaaag	tttgtcctga	960
tgctcctgga	gctatttgat	agtgaggatc	cccgggagcg	tgagtacctc	aagaccatcc	1020
tgcaccgggt	ctatggcaag	ttcctgggtc	tccgggccta	catccgcaaa	cagtgc aacc	1080
acatcttcct	ccggttcata	tatgaattcg	agcacttcaa	tgggtgtggct	gagctgtctg	1140
agatcctagg	aagcatcatc	aatggccttg	cgctgcccct	gaagacggag	cacaagcagt	1200
tcctggttcg	cgctcctgat	ccctgcact	ctgtcaagtc	gctgtctgtc	ttccatgccc	1260
agctggcata	ctgtgtggtg	cagttcctgg	agaaggatgc	cactctgaca	gagcacgtga	1320
tccgggggct	gctcaaatac	tggccaaaaa	cctgcaccca	gaaggagggtg	atgtttctgg	1380
gggagatgga	agagattctt	gatgtcatcg	agccctccca	gtttgtgaag	atccaggagc	1440
ccctttttaa	gcagggtggct	cgctgtgttt	ccagccccca	tttccagggt	gcagagcggg	1500
ctctgtattt	ctggaacaat	gagtatatcc	taagcctcat	tgaggacaac	tgccacactg	1560
tgctgcctgc	tgtgtttggg	accctctacc	aagtctccaa	ggagcactgg	aaccaaacca	1620
tcgtatcact	gatctacaat	gtgctcaaga	ccttcatgga	gatgaatggg	aagctgtttg	1680
atgagctcac	agcctcctac	aagctggaaa	agcagcagga	gcagcagaag	gcccaggagc	1740
gtcaggagtt	atggcaaggt	ctggaggagc	tgcggtacg	ccggctacag	gggacccagg	1800
gggccaagga	ggccccctc	cagcggtta	caccccaggt	ggccgccagt	gggggtcaga	1860
gctagacagc	acctcagaag	gggaaaagct	aaacccagag	ctgtcagtc	ctctatccct	1920
tctcctgttc	aggggcccag	agagaaacac	acctacccct	ggccttgcca	gagtggcttc	1980
tgaggactcc	ctgcccagcc	cagctttcac	tggggggaga	cgaggagagg	caatggtggt	2040
cttggcaaca	gaatgctcag	cccctcgtgg	caggacttga	caagggcaag	cttgaccagg	2100
aagctgccat	cagggatctt	cccctgcccc	gcaaagctag	gctccagctg	gcaaggcggg	2160
gttcccaacc	ctctgtctca	tggccttggg	caagggcaac	tcagcgctc	gccctgcccc	2220
tgcttgggcc	caatgcgagg	tccttccggt	atccccgacc	atgggggtccc	atggtcctat	2280
ttattcctcg	cccagctcac	cctctacaca	gacactgtcc	ctgggtgcac	acttcctccc	2340
ttccctcgct	gtgtacttcc	ttgtccccct	tatgataaaa	tgggcagggg	gagggggagg	2400
gcacaggcca	agaagagatt	gcacagtgtc	cctggggtaa	gggggggttc	acagtaatca	2460
tggctacttc	ctctttccgg	tggctggggg	tagacgttaa	taaagagaga	aattcaaaaa	2520
aaaaa						2525



<210> 7156  
 <211> 2372  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (159)...(1127)  
 <223> similar to gi5359673 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7156  
 ggcacgagat ccggatgtct cggttatgaa gtggagcagt gagtgtgagc ctcaacatag 60  
 ttccagaact ctccatccgg actagttatt gagcatctgc ctctcatatc accagtggcc 120  
 atctgaggtg tttccctggc tctgaagggg taggcacgat ggccaggtgc ttcagcctgg 180  
 tgttgcttct cacttccatc tggaccacga ggctcctggg ccaaggctct ttgcgtgcag 240  
 aagagctttc catccaggtg tcatgcagaa ttatggggat cacccttgtg agcaaaaagg 300  
 cgaaccagca gctgaatttc acagaagcta aggaggcctg taggctgctg ggactaagtt 360  
 tggccggcaa ggaccaagtt gaaacagcct tgaaagctag ctttgaaact tgcagctatg 420  
 gctgggttgg agatggattc gtggtcatct ctaggattag cccaaacccc aagtgtggga 480  
 aaaatggggt ggggtgtcctg atttggaagg ttccagttag ccgacagttt gcagcctatt 540  
 gttacaactc atctgatact tggactaact cgtgcattcc agaaattatc accaccaaaag 600  
 atcccatatt caacactcaa actgcaacac aaacaacaga atttattgtc agtgacagta 660  
 cctactcggg ggcataccct tactctacaa tacctgcccc tactactact cctcctgctc 720  
 cagcttccac ttctattcca cggagaaaaa aattgatttg tgtcacagaa gtttttatgg 780  
 aaactagcac catgtctaca gaaactgaac catttgttga aaataaagca gcattcaaga 840  
 atgaagctgc tgggttttgg ggtgtcccca cggctctgct agtgcttgct ctccctctct 900  
 ttggtgctgc agctggtctt ggatttttgc atgtcaaaag gtatgtgaag gccttccctt 960  
 ttacaaaca gaatcagcag aaggaaatga tcgaaaccaa agtagtaaag gaggagaagg 1020  
 ccaatgatag caaccctaag gaggaatcaa agaaaactga taaaaaccca gaagagtcca 1080  
 agagtccaag caaaactacc atgcgatgcc tggaaagctga agtttagatg agacagaaat 1140  
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 tcaaaagggc caaagaacca aagaagaaag tccacccttg gttcctaact ggaatcagct 1260  
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 tttttcagtt ttgatatttc tagcttatct acttccaaac taatttttat ttttgctgag 2160  
 actaatctta ttcattttct ctaatatggc aaccattata accttaattt attattaaca 2220  
 tacctaagaa gtacattggt acctctatat accaaagcac atttttaaag tgccattaac 2280  
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gtgacaaaaa attaaagcat ttagaaaact tc

2372

<210> 7157

<211> 3597

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(1438)

<223> similar to gil945611 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7157

caacttccgg	tgtgggtgac	gagtgggtggc	cgaagcaggg	ggacagcaag	ggacgctcag	60
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gtggactaca	gcgccacggt	ggatcagcgc	ctacccgagt	gtgcgaagct	agccaaggaa	180
ggaagacttc	aagaagtcac	tgaaccctt	ctctctctgg	aaaagcagac	tcgtactgct	240
tccgatatgg	tatcgacatc	ccgtatctta	gttgacagtag	tgaagatgtg	ctatgaggct	300
aaagaatggg	atttacttaa	tgaaaatatt	atgcttttgt	ccaaaaggcg	gagtcagtta	360
aaacaagctg	ttgccaaaat	ggttcaacag	tgctgtactt	atgttgagga	aatcacagac	420
cttcctatca	aacttcgatt	aattgatact	ctacgaatgg	ttaccgaagg	caagatttat	480
gttgaaattg	agcgtgcgcg	actgactaaa	acattagcaa	ctataaaaga	acaaaatggt	540
gatgtgaaaag	aggcagcctc	cattttacag	gagttacagg	tggaaccta	cgggtcaatg	600
gaaaagaaaag	agcgagtggg	atattttttg	gagcaaatga	ggctctgcct	agctgtgaag	660
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aatacagaga	aattaaagtt	gaagtactat	aatttaatga	ttcagctgga	tcaacatgag	780
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gttggtgaac	ataatattag	aataatggcc	aagtattata	ctcggataac	aatgaaaagg	1200
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gttaacaaga	ccatctttgc	taaagtagac	agattagcag	gaattatcaa	cttccagaga	1320
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tgggtgtatat	gttgggggtt	tttttctaag	cttctttgtc	ttaaatttta	aaatagttaa	1560
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aacatttggg	gatagagttg	gtgatttggt	aagaatttgt	actttgatat	tgtggcggaa	1980
agtctagact	gagtggtgat	gctggtaaac	tgtagacttt	tttttttttt	tttgagtccg	2040
gctgggtcca	atcacagtag	cttgattgct	ttcagccctc	atcctctcac	ttgatcagtt	2100
gttcaacaga	atcagctgac	ataattgaca	cagttttattg	ggtgttaagt	ccgctctata	2160

```

gggatagtga ctactttttt tttttttttt ttttttgctc ttcttttctc tccccctttct 2220
ttatatgggt ttaaatttaa cataaagttg tttttataag gcttatttgt ggctttaact 2280
tgtaagtctg attacatcat tattgttcca aattcattat ctctgtagga acttttagtt 2340
ccattatatg aacactggat aacctaattt tttttaatgc tttaaaaaaa tggcaaaaag 2400
acgtcaggcc accctcatag taagtgggtg agtattaaaa tattttcacg gaattaaaag 2460
tagcttgctg tcaaagaaac acctgagatg aattgggtg aacgaatttt gcaagtttaa 2520
tttgatttat ttcagagaaa atagaaaaaa caatgttaga aggttattta aaatgatact 2580
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tgtcccagtg accaaattgc actcgactcg atcagctgtt catccatttc gtgttttttc 3060
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taaagtgtga gaagataaca cttgattcca tttcattgtc attagtgtat taaccagcag 3300
gagaggtgat gagccatttt tcaaataaaa taccttttat tcccatataa tttttttatt 3360
ttagagttca atagctgttt ctatgattat cctcaatttc catatgttac tgaatctgaa 3420
aaacatcttt aaaattcaaa cagttccatt ttctctcttg taagtgttaa atgtgataaa 3480
agtacatatt ttaaattggt ttcagctctt ggatatagca gcaataaaaa cactaatttg 3540
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```

<210> 7158

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (276)...(806)

<223> similar to gi401845 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7158

```

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caagcagaag gatatcgaca aggatcttgt gatctaaatc cactccttcc acagtaccgg 120
attctctctt taacctctcc ctctattttt agcacggtta atgtattcac ttaaacttat 180
gttagcacct tgtctccagg cagaacaaca aaccatccaa acattttaaa cattggggga 240
aacacgaagg ggagggcgaa cgcggagagc acgcatgaa ggcctcgggc acgctacgag 300
agtacaagggt agtgggtcgc tgcctgccc cccccaatg ccacacgccg cccctctacc 360
gcatgcgaat ctttgcgctt aatcatgtcg tcgccaagtc ccgcttctgg tactttgtat 420
ctcagttaaa gaagatgaag aagtcttcag gggagattgt ctactgtggg caggtgtttg 480
agaagtcccc cctgcgggtg aagaacttcg ggatctggct gcgctatgac tcccgagcgc 540
gcaccacaaa catgtaccgg gaataccggg acctgaccac cgcaggcgct gtcaccagc 600
gctaccgaga catgggtgcc cggcaccgcg cccgagccca ctccattcag atcatgaagg 660
tggaggagat cgcggccagc aagtgccgcg ggccggctgt caagcagttc cagcactcca 720
agatcaagtt cccgctgccc caccgggtcc tgcgcgctca gcacaagcca cgcttcacca 780

```

```
ccaagaggcc caacaccttc ttctaggtgc agggccctcg tccgggtgtg ccccaaataa 840
actcaggaac gccccggtga aaaaaaaaaa 869
```

```
<210> 7159
<211> 2211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (158)...(2117)
<223> similar to gi2865466 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7159
catggcgcgc gagctgcggg cgctgctgct gtggggccgc cgctgcggc ctttgctgcg 60
ggcgccggcg ctggcgggcg tgccgggagg aaaaccaatt ctgtgtcctc ggaggaccac 120
agcccagttg ggccccaggc gaaacccagc ctggagcttg caggcaggac gactgttcag 180
cacgcagacc gccgaggaca aggaggaacc cctgcactcg attatcagca gcacagagag 240
cgtgcagggt tccacttcca aacatgagtt ccaggccgag acaaagaagc ttttggacat 300
tgttgcccg tccctgtact cagaaaaaga ggtgtttata cgggagctga tctccaatgc 360
cagcgatgcc ttggaaaaac tgcgtcaca actggtgtct gacggccaag cactgccaga 420
aatggagatt cacttgcaga ccaatgccga gaaaggcacc atcaccatcc aggatactgg 480
tatcgggatg acacaggaag agctggtgtc caacctgggg acgattgcca gatcggggtc 540
aaaggccttc ctggatgttc tgcagaacca ggctgaggcc agcagcaaga tcatcggcca 600
gtttggagtg ggtttctact cagctttcat gtgggctgac agagtggagg tctattcccg 660
ctcggcagcc ccggggagcc tgggttacca gtggctttca gatggttctg gagtgtttga 720
aatcgccgaa gcttcgggag ttagaaccgg gacaaaaatc atcatccacc tgaatccga 780
ctgcaaggag ttttccagcg aggcccggt gcgagatgtg gtaacgaagt acagcaactt 840
cgtcagcttc ccctgtact tgaatggaag gcgatgaac accttgcagg ccatctggat 900
gatggacccc aaggatgtcc gtgagtggca acatgaggag ttctaccgct acgtcgcgca 960
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cagcatcttc tacgtgcccg acatgaaacc gtccatgttt gatgtgagcc gggagctggg 1080
ctccagcggt gcaactgtaca gccgcaaagt cctcatccag accaaggcca cggacatcct 1140
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cagccgggag ctgctgcagg agagcgcaact catcaggaaa ctccgggacg ttttacagca 1260
gaggctgatc aaattcttca ttgaccagag taaaaaagat gctgagaagt atgcaaagtt 1320
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caaggaggac atagcaaagc tgctgcgcta cgagtcctcg gcgctgccct ccgggcagct 1440
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gtgcgcccc aaccgtcacc tggcagagca ctcaccctac tatgaggcca tgaagaagaa 1560
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cacgctggag atcaacccca ggcacgcgct catcaagaag ctgaatcagc tgcgcgcaag 1980
cgagcctggc ctggctcagc tgctggtgga tcagatatac gagaacgcca tgattgctgc 2040
tggaacttgt gacgacccta gggccatggt gggccgcttg aatgagctgc ttgtcaaggc 2100
```

```
cctggagcga cactgacagc cagggggcca gaaggactga caccacagat gacagcccca 2160
cctccttgag ctttatttac ctaaatttaa aggtatttct taaaaaaaaa a 2211
```

```
<210> 7160
<211> 1855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(1420)
<223> similar to gi286001 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<400> 7160
ggaattcgcc gggttccgtg tgtctatgtc aatgtgtctg tccttcactc ctccattgtc 60
tgccgccact gctgctgctg ctgctgctgc cgctgctgct gcacgaatcg ccgcagcccc 120
cagccttgcg cgtcgtcgtc acctcctcgg acagaaatth tatgaataag catcagaagc 180
cagtgtctac aggccagcgg ttcaaaactc ggaaaaggga tgaaaaagag aaattcgaac 240
ccacagtctt cagggatata cttgtccagg ggcttaatga ggctggatga gaccttgaag 300
ctgtagccaa atttctggac tctacaggct caagattaga ttatcgtcgc tatgcagaca 360
cactcttcga tatcctgggt gctggcagta tgcttgcccc tggaggaaacg cgcatagatg 420
atgggtgaca gaccaagatg accaaccact gtgtgttttc agcaaatgaa gatcatgaaa 480
ccatccgaaa ctatgctcag gtcttcaata aactcatcag gagatataag tatttggaga 540
aggcatttga agatgaaatg aaaaagcttc tcctcttcct taaagccttt tccgaaacag 600
agcagacaaa gttggcgatg ctgtcgggga ttctgctggg caatggcacc ctgcccgccca 660
ccatcctcac cagtctcttc accgacagct tagtcaaaga aggcatcgcg gcctcatttg 720
ctgtcaagct tttcaaagca tggatggcag aaaaagatgc caactctggt acctcgtctt 780
tgagaaaagc caacttagac aagaggctgc ttgaactctt tccagttaac agacagagtg 840
tggatcattt tgctaaatac ttcactgacg caggtcttaa ggagctttcc gacttcctcc 900
gagtccagca gtccctgggc accaggaagg aactgcagaa ggagctccag gagcgtcttt 960
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gaaatgggtt tggtttttgt ttgtttttta atggagccct gaggcacag ctattatact 1620
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agatctgaaa ttaaatactc aacagactcc tcctttttta gctgtatttt tcagggtactg 1740
tgtggtgacc gccccactgg tgtctattac aggccacttt ggtagtgttg tatctgctca 1800
tgtatgtgat ttgacaaacc agttttttta aataaatggc tttttaaaaa aaaaa 1855
```

<210> 7161  
 <211> 2720  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (146)...(1381)  
 <223> similar to gi2914753 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7161

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ggaactgaga	acttaatctt	ccaaaatgtc	aaaaagacca	tcttatgccc	cacctcccac	180
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acaagaatat	ttaaacgaat	acgaagcaga	aaagatagag	tacaatgaat	ctatgaaggc	540
ctatcataat	tccccgcgct	accttgctta	cataaatgca	aaaagtcgtg	cagaagctgc	600
tttagaggaa	gaaagtcgac	agagacaatc	tcgcatggag	aaaggagAAC	cgtacatgag	660
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caccgcccgt	ttccagagaa	accaccgcct	catcagtga	attcttagtg	agagtgtggt	780
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aagtggttat	taaagtgaac	acagcacata	tacattatct	atactgcttt	ttgttatgat	2040
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accaggtttt	ccaaagacag	aatagatcac	aaagctcaag	gaatttaata	ttcttgtaat	2160
ggactagata	attcaaactg	attagcccat	tccagaagaa	aaacagctgg	gaattaagtt	2220
aatccacttg	aaattgtttt	acaataatca	gaacatccaa	acctcaaggc	tcaggatccc	2280
atagaccaga	gccacctttt	ttgataaact	tagtaaagtc	ttggagacta	gaagcaagat	2340
agtttgtgac	acataagctt	cccaaaaact	agaatagatt	tttactgaat	agtggatat	2400
ctgatggtat	atgtttctta	aagggtccaaa	tgtataaaaa	aaaaaatgaa	aaaaaggtct	2460



```
ctctgctctc cgaaggcgaa gagggctctc caaaccggtt tggcgtgcgg acaaaaaccc 1980
cagcatatcg tgtcctcaca ccggctggag cactggacgt cg 2022
```

```
<210> 7163
<211> 968
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (42)...(674)
<223> similar to gi3881545 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 7163
cggacgcgtg ggcgcgaacc atggccggca tgggtggactt ccaggatgag gagcagggtca 60
agtccttttt ggagaacatg gaggtggagt gcaactacca ctgctaccac gagaaggacc 120
cggacggttg ctatcggtcg gtggactatt tggaagggat ccggaagaat tttgatgagg 180
ctgccaaagg gttgaagttt aactgtgaag agaaccagca cagtgatagc tgctacaaac 240
tgggggccta ctatgtgact ggaaaagggt gtctgaccca ggacctgaaa gctgccgcca 300
ggtgcttttt gatggcgtgt gagaagcctg gaaagaagtc aatagcagca tgtcacaacg 360
ttggcctcct ggcacatgat ggacagggtta atgaggatgg ccagcctgac ttgggaaagg 420
ccagggaacta ctacacaagg gacctgtgat gtggctatac ttccagttgc ttcaacctca 480
gtgccatggt cctgcagggt gcccccaggct tccccaggga catggacctg gcatgtaaat 540
actccatgaa agcctgtgac ctgggtcata tctgggcctg tgccaatgcc agtcgcatgt 600
acaagctggg ggatggtggt gataagggtt aggccaaagg cgagggtgcta aaaaatcgag 660
cccagcaggt acacaaagaa cagcagaaag gtgtccaacc cttaacattt gggtaatgtg 720
gtccaccctc cctcccaggc aacaaactgc ttgaggctgg cagctcctgt ttctgaagac 780
tgatgcagcc cttgaagggt aacctgctgg agcaaaaaaa cttgggactt gaattttag 840
ctccatttac atggatccat tgccccagct actggagtat agcctacaat gtttatttca 900
gtcaatatcc ctttatctgg gtgttctgta caatgtttat tacagtcaat attccttcaa 960
aaaaaaaaa 968
```

```
<210> 7164
<211> 2115
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1118)...(1781)
<223> similar to gil89937 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```



<400>	7164					
gggatctcaa	agacttcttt	agctaattac	ttccattgcc	atggccaata	ataagaataa	60
taacacagta	atactagcag	ttgggaagct	acataatagt	aattaagaga	acagactttg	120
aagctagact	gcctgtggct	gtgaccttga	ataaaacctt	taacctatct	ctgtctcagc	180
tttcccatcg	gtaaagtggg	cataataaaa	gtgtctactt	catagggcta	ttgtggggat	240
tagtagcata	tctaaagtag	cttaaaacag	tgtcttacat	acagtaggtc	aaatatagtg	300
ttagctatta	ttaccattat	cactgtcact	atccttatcc	tccaaagttt	gcaacaaact	360
gagagacaga	tacaggaacc	atagagatgg	tgatcagagg	tcagctttta	aattgagcga	420
tttagagaat	gtgatataga	tatgcacaca	aatggacttg	ctaatatttt	accccttaat	480
taggtaaact	tacctgccaa	ttcatagagc	atagtccatt	gcatggccaa	gagcagactg	540
gaatgaggtc	ctctgtgaac	aatcaagaga	gaaagagcag	tacagaaaga	gttaaattga	600
caatattcat	attctcttcc	caaatgctcc	agtcagacag	gtcactgcta	cttatggggg	660
agactgtgtg	aggtgcagta	cagaagctgg	aagcactcta	tccatactct	tcccttctgg	720
gaaatgaggt	tcaaattccc	tcttcaactct	agaagcagga	gaagtaggga	atcattgttc	780
caccctaaca	aatggtaatg	aaagctaaat	ttattgcatg	tttccaatgt	gctaggctct	840
gtgtcaagta	ctttgtattc	attagctctt	tttattcttg	gaacatttct	aagaagtatc	900
tatccacatt	atgcagatga	ggaaactgag	gctcagaagt	gggaatttac	ttgatccaga	960
tcacctagct	agaaagcagc	gaggcagaca	cttgaagcca	agtcgtccta	gcgtcaaagc	1020
ctatgtccct	gggcagttat	gtgtactact	ccactacctt	aaggtctcct	agcgtccttg	1080
actcagtggt	gatgagcttt	gagttttctt	tcttcttttc	atcccagctt	gactcggttt	1140
ccgctccga	cctgtagctg	gcctgctttc	ctctcgggat	ttcttgggtg	gcctggcctt	1200
ccgagtcttc	cactgcacac	agtacatcag	acatggatcc	aagcccatgt	atacccccga	1260
acctgacatc	tgccatgagc	tgttgggaca	tgtgcccttg	ttttcagatc	gcagctttgc	1320
ccagttttcc	caggaaattg	gccttgccct	tctgggtgca	cctgatgaat	acattgaaaa	1380
gctcgccaca	atttactgg	ttactgtgga	gtttgggctc	tgcaaacaag	gagactccat	1440
aaaggcatat	ggtgctgggc	tcctgtcatc	ctttggtgaa	ttacagtact	gcttatcaga	1500
gaagccaaag	cttctccccc	tggagctgga	gaagacagcc	atccaaaatt	acactgtcac	1560
ggagttccag	cccctgtatt	acgtggcgaga	gagttttaat	gatgccaaag	agaaagtaag	1620
gaactttgct	gccacaatac	ctcggccctt	ctcagttcgc	tacgacccat	acacccaaag	1680
gattgaggtc	ttggacaata	cccagcagct	taagattttg	gctgattcca	ttaacagtga	1740
aattggaatc	ctttgcagtg	ccctccagaa	aataaaagtaa	agccatggac	agaatgtggt	1800
ctgtcagctg	tgaattctgt	gatggagatc	caactatttc	tttcatcaga	aaaagtccga	1860
aaagcaaac	ttaatttgaa	ataacagcct	taaatccttt	acaagatgga	gaaacaacaa	1920
ataagtcaaa	ataatctgaa	atgacaggat	atgagtacat	actcaagagc	ataatggtaa	1980
atcttttggg	gtcatctttg	attttagagat	gataatccca	tactctcaat	tgagttaaat	2040
cagcaatctg	tcgcatttca	tcaagattaa	ttaaaatttg	ggacctgcct	cattcaagct	2100
tcatatatgc	tttgt					2115

```
<210> 7165
<211> 922
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (76)...(680)
<223> similar to gi35897 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 7165
cgctccacgc gcgcccggac tcggcggcca ggcttgcgcg cggttcccct cccggtgggc 60
ggattcctgg gcaagatgaa gtgggtgtgg gcgctcttgc tgttggcggc gctgggcagc 120
ggccgcgcgg agcgcgactg ccgagtgagc agcttccgag tcaaggagaa cttcgacaag 180
gctcgcttct ctgggacctg gtacgccatg gccaaagaagg accccgaggg cctctttctg 240
caggacaaca tcgtcgcgga gttctccgtg gacgagaccg gccagatgag cgccacagcc 300
aagggccgag tccgtctttt gaataactgg gacgtgtgcg cagacatggt gggcaccttc 360
acagacaccg aggaccctgc caagttcaag atgaagtact ggggcgtagc ctcttttctc 420
cagaaaggaa atgatgacca ctggatcgtc gacacagact acgacacgta tgccgtgcag 480
tactcctgcc gcctcctgaa cctcgatggc acctgtgctg acagctactc cttcgtgttt 540
tcccgggacc ccaacggcct gccccagaa gcgcagaaga ttgtaaggca gcggcaggag 600
gagctgtgcc tggccaggca gtacaggctg atcgccaca acggttactg cgatggcaga 660
tcagaaagaa acccttttga gcaatatcaa gaatctagtt tcatctgaga acttctgatt 720
agctctcagt cttcagctct atttatctta ggagtttaat ttgcccttct ctccccatct 780
tccctcagtt ccataaaaac cttcattaca cataaagata cacgtggggg tcagtgaatc 840
tgcttgccct tcctgaaagt ttctggggct taagattcca gactctgatt cattaaacta 900
tagtcacccg tgaaaaaaaa aa 922

```

```

<210> 7166
<211> 2198
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(612)
<223> similar to gil060893 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7166
aattcccggg tccacgattt cgtggaggct cgggtcgctg tgggtgcgctg tcttcccgtc 60
tgcgtcaggg acctgccga ctcagtggcc gccatggcat cagatgaagg caaacttttt 120
gttgaggggc tgagttttga caccaatgag cagtcgctgg agcaggctct ctcaaagtac 180
ggacagatct ctgaagtggg ggttgtgaaa gacagggaga ccagagatc tcggggattt 240
gggtttgtca cctttgagaa cattgacgac gctaaggatg ccatgatggc catgaatggg 300
aagtctgtag atggacggca gatccgagta gaccaggcag gcaagtcgtc agacaaccga 360
tcccgtgggt accgtggtgg ctctgccggg ggccggggct tcttccgtgg gggccgagga 420
cggggccgtg ggttctctag aggaggaggg gaccgaggct atggggggaa ccggttcgag 480
tccaggagtg ggggctacgg aggtccaga gactactata gcagccggag tcagagtggg 540
ggctacagtg accggagctc gggcgggtcc tacagagaca gttacgacag ttacgctaca 600
cacaacgagt aaaaaccctt cctgctcaag atcgctcttc caatggctgt gtgtttaaag 660
attgtgggag cttcgctgaa cgttaatgtg tagtaaagtc acctccttgt attccactt 720
tcgtagtcat ttcggttctg atcttgtcaa accagcctg accgcttctg acgcccggat 780
ggcctcgtta ctagactttt ctttttaagg aagtgtgttt tttttttgag ggttttcaaa 840
acattttgaa aagcatttac ttttttgacc acgagccatg agttttcaaa aaaatcgggg 900
gttgtgtggg tttttggttt ttgttttagt ttttggttgc cgttgccttt ttttttttag 960
tggggttggc cccatgaagt ggggtgcccc ctcacttctc tgagatcgaa cggactgtga 1020
atccgctctt tgtcggaagc tgagcaagct gtggcttttt tccaactccg tgtgacgttt 1080
ctgagtgtag tgtggttaga ccccggcggg tgtggcagca actgccttgg agccccagcc 1140
cctgcgtcca tctgtgctgt gcgcccaca gtagacgtgc agacgtccct gagaggttct 1200

```



```

gcaaatgctt ctaaacggac tcagcagatg cgtagcattt gctgcatggg ttaattgaga 1260
atagaaattt gcccctggca aatgcacaca cctcatgcta gcctcacgaa actggaataa 1320
gccttcgaaa agaaattgtc cttgaagctt gtatctgata tcagcactgg attgtagaac 1380
ttgttgctga ttttgacctt gtattgaagt taactgttcc ccttgggtatt tgtttaatac 1440
cctgtacata tctttgagtt caaccttttag tacgtgtggc ttgggtcactt cgtggctaag 1500
gtaagaacgt gcttgtggaa gacaagtctg tggcttggtg agtctgtgtg gccagcagcc 1560
tctgatctgt gcagggtatt aacgtgtcag ggctgagtggt tctgggattt ctctagaggc 1620
tggcaagaac cagttgtttt tgtcttttgcg gggctctgttc aggggttttg aaaagtccaa 1680
gccgtaggac cccagtttcc tttcttaagc tgatgtcttt tggccaagaa cacccgtagg 1740
gctgggttact tgctttgaag ttggaagcgg gtttgacat ttacgcctgt aaatgtattc 1800
attcttaatt tatgtaaggt ttttttttgt acgcaattct ccgattcttt tgaagaagat 1860
gacaacaaat tttgggtttt ctacatgtta tgtgagaaca ttagcgcccc acgcaacact 1920
gtcattgggtg taaggaaaaa ataaaagttg ctgcccgtaa ccaaaaaaaaa aa 1972

```

<210> 7168

<211> 2499

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (552)...(1095)

<223> similar to gi32996 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7168

```

ttctcccgcgca accttccctt cgtccctcc cgtccccccc agctccctagc ctccgactcc 60
ctccccccct caagcccgcc ctctcgctt cgcggaacca aagtggatta attacacgct 120
ttctgtttct ctccgtgctg ttctctcccg ctgtgcgctt gcccgctct cgtgtctctc 180
tctccccctc gccctctctt cggccccccc cctttcacgt tcaactctgtc tctcccacta 240
tctctgcccc cctctatcct tgatacaaca gctgacctca tttcccgata ccttttcccc 300
cccgaaaagt acaacatctg gcccgcccc aagccatcc ccccgctctg ccccgctcgca 360
atcagacgaa ttctcccccc ccccaaaaa aaagccatcc ccccgctctg ccccgctcgca 420
cattcgggccc ccgagactcg gccagagcgg cgtggcgaga ggagtgtccg gcaggagggc 480
caacgcccgc tgttcggttt gcgacacgca gcaggaggt gggcggcagc gtcgcccgt 540
tccagacacc aatgggaatc ccaatgggga agtcgatgt ggtgttctc accttcttg 600
ccttcgcctc gtgctgcatt gctgcttacc gcccagtgga gacctgtgc ggcggggagc 660
tgggtggacac cctccagttc gtctgtgggg acccgcgctt ctacttcagc agggccgcaa 720
gccgtgtgag ccgtcgagc cgtggcatcg ttgaggagt ctgtttccgc agctgtgacc 780
tggccctcct ggagacgtac tgtgctaccc ccgccaagtc cgagagggac gtgtcgaccc 840
ctccgaccgt gcttcggac aacttcccc aatccccgt gggcaagttc ttccaatatg 900
acacctggaa gcagtcacc cagcgctgc gcaggggctt gcctgcctc ctgctgccc 960
gccgggggtca cgtgctcgcc aaggagctcg aggcgttcag ggaggccaaa cgtcaccgtc 1020
ccctgattgc tctaccacc caagaccccg cccacggggg cccccccca gagatggcca 1080
gcaatcgga gtagcaaaa ctgcccgaag tctgcagccc ggcgccacca tctgcagcc 1140
tctctctgac cagggacgtt tccatcaggt tccatcccga aaatctctcg gttccacgtc 1200
ccctggggc ttctctgac ccagtcccc tgccccgct ccccgaaaca ggctactctc 1260
ctcggcccc tccatcgggc tgaggaagca cagcagcatc ttcaaactg taaaaatcg 1320
attggcttta aacaccctt acataccctc ccccaaat atcccaatt atccccacac 1380
ataaaaaatc aaaacattaa actaaccccc ttcccccccc cccacaacaa ccctcttaa 1440

```



```

gtattggaca gcgggcttac tccttggaga ctggcagctc aggggtcacgt ttgccccac 1200
atggggcaca ccctggagac ggcaggatgg aggagctgga ggaaccagta cattgagttc 1260
taaggttttg atgctgtggc ccctagattt gccttggttg tcttgacat tcacggagca 1320
gctgtagggg ccagagtctt tctcctggag accctccagc cgcagggaca ggttccggga 1380
gggcatggag tagaccaagg atactccagg tttgcttggt gtgaccccat tgatgtagga 1440
caacacctgg tgtggggcat aacacatccc cgtcattact acatgtgtct actgtgccta 1500
caggtcagc cactctccct cccccagctc gcattctcca aatgcccctc acatgcaccc 1560
attcttctaa cctgaaccag ctccccattc accttttgtc cctagccccc tctcactgcc 1620
cctgggtcct cttcaccaga acagttcttc gttcctgcgc attgtctcat ctcccaattg 1680
cgggtgttag aaaggtgaca taatagtggg aggagggaca tgtaaatagg aggtatgtat 1740
ctcgtgcc 1748

```

```

<210> 7170
<211> 2303
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1270)...(794)
<223> similar to gi37481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7170
tttttttttt ttcagtctgt cattttttatt aagcctgcag agctgttttt tttttctaca 60
cacgacaaat actttgatat aatctaggat aataaaatag ttgaacaact ttttaagatt 120
tatatttgta tagaaacaat ctgtggaact cctcccctca aaatgaagggt gtctaaaaac 180
agtgattcat cagcattgct ttaaataatt gtttggttaa aagttgtgggt ttccattctc 240
aaccgaaatg cgtctccatg cagttttcct tgggtccaaa gcttaaggcc ttgggaagggt 300
ggccaagaaa aaaagaatgg ccactctcct ttctgtcctt cccttgtgtg gaggacagtgt 360
attgaaacag gggagttaaa aagccaggaa gaaaagaaat caattgcaca tctctagtgc 420
gcaagcgtca aagtcacaac aagtctgtac acaacaactc tctatctgta gatatgaaat 480
tccatcatga tagcacagcg cctgcttgcc cctaaatggt cctttcttct gctaatacatg 540
tcagttacta tggatgggct gtggccataa gttctccctc aagggtctggt ccttctgtca 600
ccttgaagtgt tcagcccctg aattatgccca cttggatgct atgtcttgat acccaataaaa 660
ggtctacat cccctaagaa atcccttacc ccaccctcaa acccccaaag tgcctaagag 720
tgaagacgaa gatgccatgg agacggcgctc ttcagtgaac acctcccaa agatgcccggt 780
ggactcgggc ctatatcatc ccattgatct tagtccactc gtagatgtcc tgttcgcaca 840
ctatgtcaga gttgatgagg aggtatctgt cacctacaca gaaatgcttc tgacaggcgg 900
cgcaattgaa acattccagg tgatacactt tgtctttcac ccgcattgtc atctcatagg 960
cacgaatccg cttgtcacag gatgcgcaga gacggtcttg cccaaaaagc ctgagatagt 1020
ctctccggca gagcttccgg ccagtttgt agtagaggcg ccgcccacc tcaccagcc 1080
ggcagccaca gaggtcgcag ctcaggcagt cctcgtgccca gtactggtcg atggccttca 1140
ggaagtagcg gtccccgatg ttctgctggc agccgcgcga tgtcagcagg gatgggggga 1200
tctgcagcac ctcatccact ggttccctctg aagggtccag gctcttccct tcgatggccg 1260
aggacattgg ggaggaggc ggggtgccgg gggcggggg cgctcccttt gtggcgcggg 1320
gctggccggc tgcgggggct cggacccct cgggtgctcg ggcgcgcgc ccgcgcgcgc 1380
cgtcgcgcgc gctcctgcct ccgcttgctc ggctccgcgc ggcgagctcg cccctccgcg 1440
ctcaaggaca gtcaccgcgc tcccttccat ccggtcccg ccgcgcgcac cgcccggtcc 1500
ctctcgcgcg ctgtcgcgcg ctccgcgcgc ccgcgggga tgggtgtgcgc ccgcccggcc 1560

```

gcccggagcc	cctggcacct	ttccggcccc	gggtcgcggc	gccctgctcg	ccgccgaggg	1620
cagagagggg	gcggcggcct	aggggcgggg	aggggaccgt	gcgtctctct	ccgggcttcc	1680
tcctctctcg	ggaaggtcta	ttttggctca	ggcttccctc	tgtctctggt	tcatttcctt	1740
tttctgcct	ctccactagc	tactgcaagt	tcagggtgaa	aaatatcttc	ttttcagagc	1800
agttgttaca	gcagatgatg	taatcctggt	ggcttcccc	atcagatcta	ggctgcctgc	1860
cccacggata	ccttctgggc	taattgcctg	ctttgcacct	gttccttctc	gggaggccct	1920
ggcaccctag	cacctgggtg	ctgtgccatc	tcccctctct	gccaggacac	ccagaggccc	1980
ttgtgaatag	caaagcccac	ttaacggctg	agggcagggtg	ggggatatttc	cttctcaatt	2040
ctgctcaagg	cccgttgctg	ttctttgagg	atgttgcaaa	tccagggttt	ggagggctgg	2100
gcctcttggt	ggcctgggtg	tctatctgat	agggcggagc	cttcaccctt	gcagcgagct	2160
ctctcacacc	agatgtgctc	tgcgtggaat	cctaggccat	caggggattc	cttagcaagc	2220
cctgcaggac	ccaaatccta	actcagacc	tcctctctct	actcagaatg	tggagacttg	2280
tgatcctcag	tttggaacgaa	ttc				2303

<210> 7171  
 <211> 1792  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (110)...(1032)  
 <223> similar to gi2808531 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7171		
gggcggggat	tgcgactctc acaccctgag ctccgggtgct ccttttcctaa ctccactggc 60	
tgcggcatct	gtgggaaaag tgtggctggg tcttcgagga gccgcaccaa tggttccgt 120	
gctgtcctac	gaaagcctgg tccacgccgt ggccggagcc gtgggaagcg tgacagcaat 180	
gacagtgttt	tttcccctgg atacagctag acttcgactt caggttgatg agaaaagaaa 240	
atccaaaact	acacacatgg tgctcctgga gatcattaaa gaagaaggac tcctggcacc 300	
atatcgaggg	tgggttccag tgatttccag tctctgctgc tccaattttg tctatttcta 360	
cacttttaat	agcctcaaag cactctgggt caaagggtcaa cattctacca ctggaaaaga 420	
tctggtagtt	gggtttgttg caggagtggg taatgtgttg ctaacaactc cactctgggt 480	
ggtaaacacc	agactgaagc ttcaaggagc aaaatttagg aatgaagaca ttgtaccaac 540	
aaactacaaa	ggtatcattg atgcttttca tcagatcatt cgcgatgaag gaatctcggc 600	
tttatggaat	ggcacatttc cctcattgct gttggtcttc aatcctgcc tccagttcat 660	
gttttatgaa	ggtttaaaac ggcagctttt aaagaaacgg atgaagcttt cttccttgga 720	
tgtgttcac	attggggcag tagccaaagc gattgccacc acggtgacct atcccctgca 780	
gacggtacag	tcaattctga ggtttgggag tcatagacta aaccagaaa acagaacatt 840	
gggaagtctt	cggaatatte tctatcttct tcaccaacga gtaagacgtt ttggaataat 900	
gggactctac	aaaggccttg aagccaaact gctgcagaca gtccctcactg ctgctctcat 960	
gttcttgtt	tatgagaaac tgacagctgc caccttcaca gttatggggc tgaagcgtgc 1020	
acaccaacac	tgagacgctt tcccatgaaa aattccgaag atgctcaaga gggagggttc 1080	
ctcctgagtg	aagagaagtg attctccctt gactctggct cctgccacca caaatgttac 1140	
cctcattggc	ttgaaaagca tccaagggtg cacagggagt atggccaact ggacctgttg 1200	
tcaccttaat	tgtcatgctg gctgggttga ttttggggtg gcagttggac taatgtgaaa 1260	
aaaacattgc	tgaaaacctt aaaatgaaag tttgggagtg tttattggtt ttcttaagag 1320	
aaatggacta	ttttgctctc atgtgtaatg gtttctattt aaatctttct taaatatacc 1380	
agctgttctc	tttccctgaa ctctccccc	ggttctagga caaatttaat aacatgtaat 1440





<210> 7173  
 <211> 1090  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (62)...(798)  
 <223> similar to gi2910997 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7173  
 gtcgacccac gcgtccggta cagtcgccgc gtgcggagct tgttactggt tacttggcct 60  
 catggcggtc cgagcttcgt tcgagaacaa ctgtgagatc ggctgctttg ccaagctcac 120  
 caacacctac tgtctggtag cgatcggagg ctgagagaac ttctacagtg tgttcgaggg 180  
 cgagctctcc gataccatcc ccgtgggtgca cgcgtctatc gccggctgcc gcatcatcgg 240  
 gcgcatgtgt gtggggaaca ggcacgggtc cctggtaccc aacaatacca ccgaccagga 300  
 gctgcaacac attcgcaaca gcctcccaga cacagtgcag attaggcggg tggaggagcg 360  
 gctctcagcc ttgggcaatg tcaccacctg caatgactac gtggccttgg tccaccacaga 420  
 cttggacagg gagacagaag aaattctggc agatgtgtc aagggtggaag tcttcagaca 480  
 gacagtggcc gaccaggtgc tagtaggaag ctactgtgtc ttcagcaatc agggagggct 540  
 ggtgcatccc aagacttcaa ttgaagacca ggatgagctg tcctctcttc ttcaagtccc 600  
 ccttgtggcg gggactgtga accgaggcag tgagggtgatt gctgctggga tgggtggtgaa 660  
 tgactgggtg gccttctgtg gcctggacac aaccagcaca gagctgtcag tgggtggagag 720  
 tgtcttcaag ctgaatgaag ccagcctag caccattgcc accagcatgc gggattccct 780  
 cattgacagc ctcacctgag tcaccttcca agttgttcca tgggctcctg gctctggact 840  
 gtggccaacc ttctccacat tccgcccatt ctgtaccgga tgctggcagg gaggtggcag 900  
 agagctcact gggactgagg ggctgggcac ccaacccttt tccacctgtg cttatcgctt 960  
 ggatctatca ttactgcaaa aacctgctct gttgtgctgg ctggcaggcc ctgtggctgc 1020  
 tggctgaggg ttctgctgtc tgtcctgtgc caccaccatta aagtgcagtt ccctccgggc 1080  
 aaaaaaaaaa 1090

<210> 7174  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (309)...(593)  
 <223> similar to gi4454708 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7174

09493735 - 012100

gacgacgtag	cagccatctt	ttccctggct	ttggtgattc	agaaactccc	gttctgtggc	60
gaaattctgt	gagtcctatga	agctggattg	tccttgacct	cttttgagga	aggagagggg	120
tgcttctaac	tggtcctggg	agatgccact	gtgatgtatc	cgggatgaag	acacaatcct	180
ggttacttca	tagcctgttt	ttcttcccca	gccctgactt	ctcaaaaagc	actgcacaga	240
ggaggaggca	gcagaacccc	atttcagctt	cttaggactc	tgcaacttccc	cagaaggaag	300
aattaaaaat	gaatatgttc	aaggaagcag	tgaccttcaa	ggacgtggct	gtggccttca	360
cggaggagga	attggggctg	ctggggccctg	cccagaggaa	gctgtaccga	gatgtgatgg	420
tggagaactt	taggaacctg	ctgtcagtg	ggcatccacc	cttcaaacaa	gatgtatcac	480
ctatagaaa	aaatgagcag	ctttggataa	tgacgacagc	aacccgaaga	cagggaaatt	540
tagatacctt	acttgtaaaa	gctcttttgc	tctatgacct	ggctcaaact	taaacttgga	600
tttgaagtta	gaagaaatgt	tggaaagtc	ttatatatga	agaaatgttg	gaaggactca	660
tatatgcata	cattccctga	gtgacatga	atgactgccg	ggcagtaact	tctgggctgt	720
ggttgtaaac	tgtgagcact	acaaaatggt	tttcttatt	gataccatat	tatggttagga	780
aagacatgga	ataaaaaatt	tagatagtaa	aaaaaaaa			818

<210> 7175

<211> 1111

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(116)

<223> similar to gi3928178 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7175

ctcaggacaa	tctccagcat	ggcctggggg	cctctcctcc	tgactctcct	ggctcactgc	60
acagggctct	gggcccagtc	tgtgctgacg	cagccgccct	cagtgtctgg	ggcaagaatt	120
ccacatgaga	agtaaaaaa	gtttacagta	ctcatgtgga	attcttggtc	ttcttccaaa	180
ctactaacat	catcatcatc	tgagctccca	gggtctgcga	gagatttaca	gtcctgacca	240
aaactttgtg	gcttttgata	gctatgctca	cttggttat	aagctccttc	catttttagg	300
ggcaaacgag	gtggttcttt	atggttctgt	acataattt	tttcttctcg	attaactgtg	360
tcttgagcta	tttttttctc	caccccagct	attatttgat	cttggtcttt	tcgcttccc	420
gaacaagccc	agagatgaag	gtcaggatga	tgtttattct	ttagtattcc	aatcttcagc	480
tgtagcccg	gtagcacttc	tgtaacacca	tagacatcag	caagcagggtg	atgtgtagaa	540
actatctttt	tggcattgag	atgagaataa	ttttctttga	aaaatgataa	cccgcacatt	600
ctcccattat	tcaaccactc	cttatcataa	cgatattttg	cactccacct	ctgacctgg	660
gggtcccggc	agatatagca	gatgtactgc	tctggaatgc	tctcctccag	cagccccatg	720
cacacgctgt	gttgccaaca	caagcactct	tcacagtgga	tcatgaagcc	attctcctca	780
tcacatctcac	aaatacatcg	cacaatttca	ttaagagcat	catcctcatc	ctgagattcc	840
tcaaaattgg	ttgaatcaaa	gtcctgattg	tattcatccc	cactcagaag	caaactctcc	900
gttgaagaat	catctaggaa	gtctacatct	gataagtttt	caccactaag	atcaacggat	960
agaattgccc	ttgggtactg	atagggttga	gttttctccg	taaacatgct	tcgtgaagcc	1020
agagaactcc	cagaagatcg	agttagtgg	gaagagcacc	tttccaaaaa	ttcaagggaa	1080
ctgtcttcat	agtctgaata	gtcctcgtgc	c			1111

<210> 7176  
 <211> 1917  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (47)...(1742)  
 <223> similar to gi4679028 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7176

cgacccacgc	gtccgcccac	gcgtccggct	cgcaagcgag	gcagccatgt	cttatcccgc	60
tgatgattat	gagtctgagg	cggcttatga	cccctacgct	tatcccagcg	actatgatat	120
gcacacagga	gatccaaagc	aggaccttgc	ttatgaacgt	cagtatgaac	agcaaaccta	180
tcagggtgatc	cctgagggtga	tcaaaaaactt	catccagtat	ttccacaaaa	ctgtctcaga	240
tttgattgac	cagaaagtgt	atgagctaca	ggccagtcgt	gtctccagtg	atgtcattga	300
ccagaagggtg	tatgagatcc	aggacatcta	tgagaacagc	tggaccaagc	tgactgaaag	360
attcttcaag	aatacacctt	ggcccagggc	tgaagccatt	gctccacagg	ttggcaatga	420
tgctgtcttc	ctgattttat	acaaagaatt	atactacagg	cacatatatg	ccaaagtcag	480
tggtgggacct	tccttggagc	agaggtttga	atcctattac	aactactgca	atctcttcaa	540
ctacattctt	aatgccgatg	gtcctgtctc	ccttgaacta	cccaaccagt	ggctctggga	600
tattatcgat	gagttcatct	accagtttca	gtcattcagt	cagtaccgct	gtaagactgc	660
caagaagtca	gaggaggaga	ttgactttct	tcgttccaat	cccaaaatct	ggaatgttca	720
tagtgtcctc	aatgtccttc	attccctggt	agacaaatcc	aacatcaacc	gacagttgga	780
ggtatacaca	agcggagggtg	accctgagag	tgtggctggg	gagtatgggc	ggcactccct	840
ctacaaaatg	cttggttact	tcagcctggt	cgggcttctc	cgctgcact	ccctgttagg	900
agattactac	caggccatca	aggtgctgga	gaacatcgaa	ctgaacaaga	agagtatgta	960
ttcccgtgtg	ccagagtgcc	aggtcaccac	atactattat	gttgggtttg	catattttgat	1020
gatgcgtcgt	taccaggatg	ccatccgggt	cttcgccaac	atcctcctct	acatccagag	1080
gaccaagagc	atgttccaga	ggaccacgta	caagtatgag	atgattaaca	agcagaatga	1140
gcagatgcat	gcgctgctgg	ccattgccct	cacgatgtac	cccatgctga	ttgatgagag	1200
cattcacctc	cagctgcggg	agaaatatgg	ggacaagatg	ttgcgcatgc	agaaagggtga	1260
cccacaagtc	tatgaagaac	ttttcagtta	ctcctgcccc	aagttcctgt	cgctgttagt	1320
gcccactat	gataatgtgc	accccaacta	ccacaaagag	cccttcctgc	agcagctgaa	1380
ggtgttttct	gatgaagtac	agcagcaggc	ccagctttca	accatccgca	gcttcctgaa	1440
gctctacacc	accatgcctg	tggccaagct	ggctggcttc	ctggacctca	cagagcagga	1500
gttccggatc	cagcttcttg	tcttcaaaca	caagatgaag	aacctcgtgt	ggaccagcgg	1560
tatctcagcc	ctggatggtg	aatttcagtc	agcctcagag	gttgacttct	acattgataa	1620
ggacatgatc	cacatcgcg	acaccaaggt	cgccaggcgt	tatggggatt	tcttcatccg	1680
tcagatccac	aaatttgagg	agcttaatcg	aaccctgaag	aagatgggac	agagaccttg	1740
atgatattca	cacacattca	ggaacctgtt	ttgatgtatt	ataggcagga	agtgtttttg	1800
ctaccgtgaa	acctttacct	agatcagcca	tcagcctgtc	aactcagtta	acaagttaag	1860
gaccgaagtg	tttcaagtgg	atctcagtaa	aggatctttg	gagccacaaa	aaaaaaa	1917

<210> 7177  
 <211> 981  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (27)...(354)  
 <223> similar to gi4877775 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7177  
 agttggagcc tgcggagttc gagaccatgc tgctgttctg ccccggtctg gggaacgggc 60  
 tgatcggtga ggagggacaa cgctgccacc gcttcgcctg caacacgtgc ccctacgtgc 120  
 acaacatcac ccgcaaggta acaaatcgga agtaccctaa actgaaagaa gtggatgatg 180  
 tgcttggtgg agcagctgcc tgggagaatg ttgactctac tgcagagtcg tgtcccaaat 240  
 gcgaacatcc tcgtgcttac ttcagaccgc ttcatgcagc ctctgcagat gagccgatga 300  
 ccaccttcta caagtgcctg aatgctcagt gtggacaccg ctggagggat tagggccagg 360  
 atggcccagc tgccttagtg tgtgcttgcc ttgtccctcg gggtagatgc ttagctggca 420  
 gtatgagtcg tgtgtcctga gggctcttgc tagtgtggtg gaaagataaa ccttttgagg 480  
 tgaagagcca gggggtcagg aaatatggcc tatctgccag gcagggtgga tgaagtcag 540  
 aatgtctggg agtttttctg tgtggggagg agacagagac ccataactaa atatgctctg 600  
 tgtaaagccc tattctttca tcttcactt tattggcagt tgacattccc ttactcccaa 660  
 tcaacactct taaatatttg tactgtttgt aaaacttact acatgtccct aaatatttaa 720  
 ctgcttccag accagacact ttggaaaagg agggaaatac tacgtcctga ggccactgag 780  
 ccacttatta atactgctat ccactctctt gccactctg ctgccacttg catagtgatc 840  
 acagacagcc agggaggagc atgtgtctgt ttcaagcttc tgggaattac tgcgggaaga 900  
 atatcggaag ctccctatgg cactgtcagt gtctcatcc ccaccacca caccatcatc 960  
 ctcatactcc ttgaccttct t 981

<210> 7178  
 <211> 1814  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (232)...(1215)  
 <223> similar to gi431315 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7178  
 gcggcccca cctccagcat cctcgagcga tggtttctcc cacaactacc ccggccaggt 60  
 ccagcacttg ggagctgact gtgctggagg tgacaggctt tgcggggtcc gcctgtgtgc 120  
 aggagtcgca aggtcgctga gcaggacca aagggtggcc gaggcagccg ggatgacagc 180  
 tctccccagg aatcctgctg cctgctgaga aacatgggtc gcaagtcctg ctggaagctc 240  
 ctggccatgt tggctctggt cctggtcgtc atggtgtggt attccatctc ccgggaagac 300  
 aggtacatcg agctttttta ttttcccatc ccagagaaga aggagccgtg cctccagggt 360  
 gaggcagaga gcaaggcctc taagctcttt ggcaactact cccgggatca gcccatcttc 420  
 ctgcggcttg aggattatct ctgggtcaag acgccatctg cttatgagct gccctatggg 480  
 accaaggggga gtgaggatct gctcctccgg gtgctagcca tcaccagctc ctccatcccc 540

```

aagaacatcc agagcctcag gtgccgccgc tgtgtggtcg tggggaacgg gcaccggctg 600
cggaacagct cactgggaga tgccatcaac aagtatgatg tggatcatcag attgaacaat 660
gccccagtggt ctggctatga gggtgacgtg ggctccaaga ccaccatgctg tctcttctac 720
cctgaatctg cccacttcga ccccaaagta gaaaacaacc cagacacact cctcgtcctg 780
gtagctttca aggcaatgga cttccactgg attgagacca tcctgagtga taagaagcgg 840
gtgcgaaaagg gtttctggaa acagcctccc ctcatctggg atgtcaatcc taaacagatt 900
cggattctca accccttctt catggagatt gcagctgaca aactgctgag cctgccaatg 960
caacagccac ggaagattaa gcagaagccc accacggggc tgttggccat cacgctggcc 1020
ctccacctct gtgacttggg gcacattgcc ggctttggct acccagacgc ctacaacaag 1080
aagcagacca ttactacta tgagcagatc acgctcaagt ccatggcggg gtcaggccat 1140
aatgtctccc aagaggccct ggccattaag cggatgctgg agatgggagc tatcaagaac 1200
ctcacgtcct tctgacctgg gcaagagctg tagcctgtcg gttgcctact ctgctgtctg 1260
gggtgaccccc atgcgtgggt gtgggggtgg ctggtgccag tatgaccacac ttggactcac 1320
ccccctcttg ggagggagtt ctgggcctgg ccaggctcga gatgaggcca tgcccctggc 1380
tgctcttatg gagccgagat ccagtcaggg tgggggctg ggagccgtgg gagcccgcc 1440
agggcagggg gctcgttgg gtggcacccc ctctctgcca gcaccaagag attatttaat 1500
gggctattta attaaggggt aggaaggtgc tgtgggctgg tcccacacat ccaggaaaga 1560
ggccagtaga gaattctgcc cactttttat aaaaacttac agcgatggcc ccaccaaggc 1620
ctagacacgg cactggcctc ccaggagggc aggggcattg ggaatgggtg ggtgccctcc 1680
agagaggggc tgctacctcc cagcaggcat gggaagagca ctggtgtggg ggttccaccg 1740
agaaggggac ctcatctaga aaagagggtta caaacctacc attaaactat ttttcctaaa 1800
acggaaaaaa aaaa 1814

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<210> 7179
<211> 590
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (42)...(470)
<223> similar to gi28547 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7179
ccaagaattc ggcacgagca cagactcaga gagaacccac catggtgctg tctcctgccg 60
acaagaccaa cgtcaaggcc gcctggggta aggtcgggcg gcacgctggc gagtatgggtg 120
cggaggccct ggagaggatg ttctgtcct tccccaccac caagacctac ttcccgact 180
tcgacctgag ccacggctct gccaggtta agggccacgg caagaagggtg gccgacgcgc 240
tgaccaacgc cgtggcgcac gtggacgaca tgcccaacgc gctgtccgcc ctgagcgacc 300
tgacgcgca caagcttcgg gtggacccgg tcaacttcaa gtccttaagc cactgcctgc 360
tggtgacctt ggccgcccac ctccccggc agttcacccc tgcggtgcac gcctccctgg 420
acaagttcct ggcttctgtg agcaccgtgc tgacctcaa ataccgttaa gctggagcct 480
cggtgcccat gcttcttgcc ccttgggcct cccccagcc cctcctcccc ttctgcacc 540
cgtacccccg tggcttttga ataaagtctg agtgggcggc aaaaaaaaaa 590

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<210> 7180  
 <211> 3161  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (131)...(1339)  
 <223> similar to gi35272 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7180

ggctgcagg	ccaagagcgc	tgtcaagaag	acccacacgc	ccccctccag	cagctgaatt	60
cctgcagctc	agcagccgcc	gccagagcag	gacgaaccgc	caatcgcaag	gcacctctga	120
gaacttcagg	atgcagatgt	ctccagccct	cacctgccta	gtcctggggc	tggcccttgt	180
ctttggtgaa	gggtctgctg	tgcaccatcc	cccatcctac	gtggcccacc	tggcctcaga	240
cttcgggggtg	aggggtgtttc	agcaggtggc	gcaggcctcc	aaggaccgca	acgtgggtttt	300
ctcaccctat	ggggtggcct	cggtgtttggc	catgctccag	ctgacaacag	gaggagaaac	360
ccagcagcag	attcaagcag	ctatgggatt	caagattgat	gacaagggca	tggcccccgc	420
cctccggcat	ctgtacaagg	agctcatggg	gccatggaac	aaggatgaga	tcagcaccac	480
agacgcgatc	ttcgtccagc	gggatctgaa	gctgggtccag	ggcttcatgc	cccacttctt	540
caggctgttc	cggagcacgg	tcaagcaagt	ggacttttca	gagggtggaga	gagccagatt	600
catcatcaat	gactgggtga	agacacacac	aaaaggatatg	atcagcaact	tgcttgggaa	660
aggagccgtg	gaccagctga	cacggctggt	gctgggtgaat	gccctctact	tcaacggcca	720
gtggaagact	cccttccccg	actccagcac	ccaccgccgc	ctcttccaca	aatcagacgg	780
cagcactgtc	tctgtgccca	tgatggctca	gaccaacaag	ttcaactata	ctgagttcac	840
cacgcccgat	ggccattact	acgacatcct	ggaactgccc	taccacgggg	acaccctcag	900
catgttcatt	gctgcccctt	atgaaaaaga	ggtgcctctc	tctgcccctca	ccaacattct	960
gagtgccccag	ctcatcagcc	actggaaaag	caacatgacc	aggctgcccc	gcctcctggt	1020
tctgcccagg	ttctccctgg	agactgaagt	cgacctcagg	aagcccctag	agaacctggg	1080
aatgaccgac	atgttcagac	agtttcaggc	tgacttcacg	agtctttcat	accaagagcc	1140
tctccacgtc	gcgcaggcgc	tgcagaaaagt	gaagatcgag	gtgaacgaga	gtggcacggg	1200
ggcctcctca	tccacagctg	tcatagtctc	agcccgcgatg	gcccccgagg	agatcatcat	1260
ggacagaccc	ttctcttttg	tgggtccggca	caaccccaca	ggaacagtcc	ttttcatggg	1320
ccaagtgatg	gaaccttgac	cctggggaaa	gacgccttca	tctgggacaa	aactggagat	1380
gcatcgggaa	agaagaaact	ccgaagaaaa	gaatttttagt	gttaatgact	ctttctgaag	1440
gaagagaaga	catttgcctt	ttgttaaaaag	atggttaaacc	agatctgtct	ccaagacctt	1500
ggcctctcct	tggaggacct	ttaggtcaaaa	ctccctagtc	tccacctgag	accctgggag	1560
agaagtttga	agcacaactc	ccttaagggtc	tccaaaaccag	acgggtgacgc	ctgcgggacc	1620
atctggggca	cctgcttcca	cccgtctctc	tgcccaactcg	ggtctgcaga	cctgggtccc	1680
actgaggccc	tttgaggat	ggaactacgg	ggcttacagg	agcttttgtg	tgctggtag	1740
aaactatttc	tgttccagtc	acattgccat	cactcttgta	ctgcctgcca	ccgcggagga	1800
ggctgggtgac	aggccaaagg	ccagtggaa	aaacaccctt	tcatctcaga	gtccactgtg	1860
gcactggcca	cccctcccca	gtacaggggt	gctgcaggtg	gcagagtga	tgtcccccat	1920
catgtggccc	aactctcctg	gcctggccat	ctccctcccc	agaaacagtg	tgcatgggtt	1980
attttggagt	gtaggtgact	tgtttactca	ttgaagcaga	tttctgcttc	cttttatttt	2040
tataggaata	gaggaagaaa	tgtcagatgc	gtgcccagct	cttcaccccc	caatctcttg	2100
gtggggagg	gtgtacctaa	atatattatca	tatccttgcc	cttgagtgtc	tgtagagag	2160
aaagagaact	actaaggaaa	ataatattat	ttaaactcgc	tcctagtgtt	tctttgtggt	2220
ctgtgtcacc	gtatctcagg	aagtccagcc	acttgactgg	cacacacccc	tccggacatc	2280
cagcgtgacg	gagcccacac	tgccaccttg	tgcccgctg	agaccctcgc	gccccccgcg	2340
ccccccgcgc	ccctcttttt	ccccttgatg	gaaattgacc	atacaatttc	atcctccttc	2400
aggggatcaa	aaggacggag	tggggggaca	gagactcaga	tgaggacaga	gtgggtttcca	2460
atgtgttcaa	tagatttagg	agcagaaatg	caaggggctg	catgacctac	caggacagaa	2520

ctttcccaaa	ttacaggggtg	actcacagcc	gcattggtga	ctcacttcaa	tgtgtcattt	2580
ccggctgctg	tgtgtgagca	gtggacacgt	gagggggggg	tgggtgagag	agacaggcag	2640
ctcggattca	actaccttag	ataatatattc	tgaaaaccta	ccagccagag	ggtagggcac	2700
aaagatggat	gtaatgcact	ttgggaggcc	aaggcgggag	gattgcttga	gccaggaggt	2760
tcaagaccag	cctgggcaac	ataccaagac	ccccgtctct	ttaaaaatat	atataattta	2820
aatatactta	aatatatatt	tctaatatct	ttaaatatat	atatatatatt	taaagaccaa	2880
tttatgggag	aattgcacac	agatgtgaaa	tgaatgtaat	ctaatagaag	cctaatacagc	2940
ccaccatggt	ctccactgaa	aaatcctctt	tctttggggg	ttttctttct	ttcttttttg	3000
attttgact	ggacggtgac	gtcagccatg	tacaggatcc	acaggggtgg	tgtcaaatgc	3060
tattgaaatt	gtgttgaatt	gtatgctttt	tactttttga	ttaaataaaca	tgtaaaaatg	3120
tttcaaaaaa	ataataaaat	aaataaatac	gaaaaaaaaa	a		3161

<210> 7181  
 <211> 1238  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1168)...(197)  
 <223> similar to gi434751 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7181		
tttttttttt	ttattttcaaa atgataaaaa tttattgtct ttctggccta tggactcagc 60	
tgtagttgac	tgaagtcgct aaacaggacg gatttaagta gaggtgatat gtccagtcac 120	
cggcatagag	acgtcctctg cgtcaccatc cacacacagg gcttctggta gacatcaggc 180	
aaagccctcc	atgttaatat tcatctgaat atggataatt aggggtggcta gcaaaaactat 240	
cactgttaaa	atagtggaga tttctgtcta ggccatctat ggctttcatg tcctctgcag 300	
tcaactggaa	ctcaaaaacc tgcacgttct gtctgatgcg ctgctcattg tagctcttgg 360	
ccaggaccac	aaccccacgc tgcagctggt agcgcagggc aatcagggct ggggttcgct 420	
tgtgcttttt	tgccaaggca caaaggactg ggtcctccaa gagcaccggg gagttcgggt 480	
ccacccatcg	tttgtctcgt tgagatccca gagcactata ggcaaccaga acaatatctt 540	
tcgacttgca	gaaatctagc aatttactcc ggttgaaata cggatgacat tctacctggt 600	
tgcagacagg	cttgtaactt agtcctggct tgttgaggat catctccagc tgcctgcggt 660	
tgaagtttga	caccccaatg gacttggcca atcctgcata cttacacttc tccatggcct 720	
cccagggtgt	acagagatcc actatgtcaa atattacttt tccattttca tctgttggtg 780	
aaagttcctc	acctggcttt agagacattg gagaatgaat aagatagagg tcaacatagt 840	
ccaattgagc	ttttttcagt gaggttttcca aggctggctg gaccaactct ggtcgatgaa 900	
aagtggacca	aagctttgaa gtgtagaata tgtcttctct cttcacactg ccatctgcaa 960	
tcttgcttcg	gatggccagt ccaacctgct cctcattatt gtataaatga gcagaatcta 1020	
tatggcggaa	cccagcttct attgctaatt ttgtgacctc caaagcttta cttctcgga 1080	
cctctggagg	tgcataagggt ccaaatccca atacaggcat gaagtggcca tcatttagct 1140	
ttacacactg	ctgtttggaa tccattccct gtcacttgtc tgactagcaa atgtttgctg 1200	
ctgcttctcc	tcagcccacg cgtccgccca cgcgtccg	1238

<210> 7182  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (14)...(183)  
 <223> similar to gi207318 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7182  
 ggcacgagat tttttgttca gcaacctaca agaatcctac tcggagaccg gggataacct 60  
 aaacgatagc gcttatatca aaaaattcta taagtccaaa cttaagaaca cacagacaca 120  
 tgataaaaaat ccactgcctt ccaaagaaac tattgaacac gataatcaag caagcgaatc 180  
 gtaatgatgc gtgcgccgcc aatatgcact gtacattcca caagcattgc cttcttattt 240  
 tacttctttt atctgtttaa ctttgaaga tgcaaagagg ttggatcatg tttaaatgac 300  
 tgtgctgccc ctttcacatc aaagaactac tgacaactag 340

<210> 7183  
 <211> 3100  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (315)...(1990)  
 <223> similar to gi4704427 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7183  
 gctcagtagc gatagcagcg gccgtggagg tggcgttggg gactgttttc tctcggaggc 60  
 cggagcggag ccgcgtctga ctgaggcggg cagcaagcgg cccctcgcct ccctccctcc 120  
 ctccctccgc ccctccccgc cgccaccagc cgtcaaacgc caaccgccgc tcctggggag 180  
 gagccgcggc tcgcggggcc ggagccaggc ctgcgtccgg acatcagccg gagccggagc 240  
 gagagccggg gcctcggcgt ccccgccctc tccccgcctc ggccagcgtc cgccggggcc 300  
 ccgcgcgtcg cgccatggac tcggacgagg gctacaacta cgagtctgac gaggacgagg 360  
 agtgcaagtga ggagacagc ggcgccgagg aggaggagga cgaagacgac gacgagccgg 420  
 acgatgatac cctggatctg ggcgaggtgg agctggtgga gcccgggctg ggcgtcggcg 480  
 gggagcggga cggactgctg tgcggggaga cgggcgggtg cggcggcagc gctctggggc 540  
 ccggcgggtg cggcggcgcc ggcgccggcg gtggtggtgg cgggcccggg catgagcagg 600  
 aggaggatta ccgctacgag gtgctcacgg ccgagcagat tctacaacac atggtggaat 660  
 gtatccggga ggtcaacgag gtcattcaga atccagcaac tatcacaaga atactcctta 720  
 gccacttcaa ttgggataaa gagaagctaa tggaaaggta ctttgatgga aacctggaga 780  
 agctctttgc tgagtgtcat gtaattaatc caagtaaaaa gtctcgaaca cgccagatga 840  
 atacaaggtc atcagcacag gatatgcctt gtcagatctg ctacttgaac taccctaact 900  
 cgtatttcac tggccttgaa tgtggacata agttttgtat gcagtgcctg agtgaatatt 960



taactaccaa	aataatggaa	gaaggcatgg	gtcagactat	ttcgtgtcct	gctcatgggt	1020
gtgatatctt	agtggtatgac	aacacagtta	tgcgcctgat	cacagattca	aaagttaa	1080
taaagtatca	gcatttaata	acaaatagct	ttgtagagt	caatcgactg	ttaaagtgg	1140
gtcctgcccc	agattgccac	catgttggtta	aagtccaata	tcctgatgct	aaacctgttc	1200
gctgcaaatg	tgggcgccaa	ttttgcttta	actgtggaga	aaattggcat	gatcctgtta	1260
aatgtaagt	gttaaagaaa	tggattaaaa	agtgtgatga	tgacagtga	acctccaatt	1320
ggattgcagc	caacacaaa	gaatgtccca	aatgccatgt	cacaattgag	aaggatgggt	1380
gttgtaatca	catggtctgt	cgtaaccaga	attgtaaa	agagttttgc	tgggtgtgtc	1440
ttggcccatg	ggaaccacat	ggatctgcct	ggtacaactg	taaccgctat	aatgaggatg	1500
atgcaaaggc	agcaagagat	gcacaggagc	gatctagggc	agccctgcag	aggtacctgt	1560
tctactgtaa	tcgttatatg	aaccacatgc	agagcctgcg	ctttgagcac	aaactatatg	1620
ctcaggtgaa	acagaaaatg	gaggagatgc	agcagcaca	catgtcctgg	attgaggtgc	1680
agttcctgaa	gaaggcagtt	gatgtcctct	gccagtgtcg	tgccacactc	atgtacactt	1740
atgtcttcgc	tttctacctc	aaaaagaata	accagtccat	tatctttgag	aataaccaag	1800
cagatctaga	gaatgccaca	gagggtgctct	cgggctacct	tgaacgagat	atttcccaag	1860
attctctgca	ggatataaa	cagaaagtac	aagacaagta	cagatactgt	gagagtgcac	1920
gaagggtttt	gttacagcat	gtgcatgaag	gctatgaaaa	agatctgtgg	gagtacattg	1980
aggactgaga	aatggcccc	gcattaaaa	gaactctgaa	aacttttacc	atcctagaag	2040
tgctcatgca	attaaaaa	acaaaaa	gcaaacaca	acaaggaggc	actaagccta	2100
ttctgacacc	actggtctgt	agtaccagaa	ttgttttggt	aatggaaagt	ttaagttaa	2160
tatattgtaa	taaaaaggta	gataaaccat	tgtacaacag	tattctaggc	cgccaacaaa	2220
agtgtgacag	acacactaaa	agccctccaa	ctttaacttg	taacgtagct	tcatttctca	2280
agctgactcc	ttttttttct	ttttcctttt	cctgagtgtg	gtacagttaa	aatttcaa	2340
agctccttga	cactgctttt	catgttcaaa	ccagccattt	tggtgtactt	tggtaaagga	2400
cctcttcccc	ttcctcccct	acacatacag	atacaccac	acacagactg	actctcttct	2460
tctcataccc	caaggtcatg	agtgaatgat	gcttagttcc	ttgtaaagaa	aatcttggga	2520
tggggaaagg	ggtaggcagc	aagaggattc	aacaaacgaa	aaacataaaa	actttgtata	2580
tgacttttaa	aacaagagga	caacacagta	tttttcaaaa	ttgtatatag	cgcatatgca	2640
tggacaaagc	aagcgtggca	cgtgtttgca	taatgtttaa	ttacaaaaaa	atattttattc	2700
tttaaaaatc	ttcaagatta	tgtctatttg	ctgtgcattt	tctttcagtt	tgcttatctt	2760
tcccggttg	gggttgggat	aaagggtgtg	cggtttagca	cctctggaag	acctatctag	2820
agctctttca	ctttcttgag	gttattttgc	cctttctggg	gttggtatgt	ctgttgccgg	2880
ccatgggcct	catgccttga	attcctgctc	ttgatcaggt	acaaggagg	tcaagctctg	2940
gactaatgcc	atgacctgga	tttaaggggg	tacagcaggg	agttttgttt	gctacagctt	3000
catggaattt	aacctggtcc	caacctaaat	ccccctccat	gggcatccag	gcctctaccc	3060
aagcctttgt	gtggcccatg	gttatggcac	acagctgttt			3100

<210> 7184

<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1731)...(1061)

<223> similar to gil82261 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7184

tttttttttt ttactcaa at gggtttttatt ttcttatctg acatttctaa caaaacgccca 60

ggtagacgga	ggtaaaaaga	atccaccgca	cgaaaggtaa	acaaagcaga	ccttcagaaa	120
ctccctggca	aggatgttcc	cctccccaga	ttggcccagt	ttcaccagca	actggtctca	180
gctcagcctt	atgcctttcc	actgacaccc	cccacccctc	cacattctcg	tgattcagac	240
caggaaacttc	tcggctgatt	gtgtccgtgt	gtctgagggg	ggggcacgct	ggaacctggg	300
aacctactgg	gcacctctaa	tgcagatgag	aaaaacttga	gaatgtgaaa	gtagatcagt	360
ccccgctccc	acccgaaggt	gcagagacgc	gggacattaa	ccagcagcac	gcgggggtga	420
agtaactcag	gccactctcc	tccccactgc	ccagggcggg	tgacgcgcc	aggacctcct	480
cccaggcccc	acaccacgc	aaggcgacag	gaagctcccc	acgcctgccc	catgacgcaa	540
cgatgaccgc	ttatacaagt	atgtcagcgg	aggggggaagg	ggagtgcctg	gaattctccg	600
aggttgaaaa	cgaaaaacca	actcttgaaa	aaccttgaaa	gggccagcac	agccccacagt	660
acaaaatgaa	gtccgacctt	gaggagatct	ttaaaaacaa	acaaacaaac	aaaacaaaaa	720
acacaacacc	caagcctccc	ttctcccagt	ccagaaggag	agcgaaaggt	tcacgtccca	780
gtccactaag	acagcacctg	tgggcgcagg	tctctgcgga	agggcgcccg	gccccgggct	840
cagactcctc	ggtgcggtcc	ctgcacactg	aaggcgatgg	ctccccgggg	acagagctccc	900
tctccggggc	tctcagcagc	ccgggcggcg	gcttctctcc	acggttttcg	cgggcgcttc	960
ccccaggatg	gaggggggtg	gcctcgctc	aggtctgcgc	cctcgggccg	acggttcgac	1020
gcgcgctctg	ggctccggca	gcgcgctcg	gggtcctcag	aaggccaacca	cggcccgcac	1080
gagcacgttg	agcatgctgt	ccgcggggcg	gcaagcgggc	tttgctcgc	acgcggggcg	1140
cgccgtcgga	ggggccgcgg	ggctgcagtt	caggaggccg	gagaagcgcc	tctgcaggac	1200
gcgggccagg	ttgggaaagg	cgccctccgc	ttgcgcggga	gggggctgca	ggcgatcggc	1260
gacttcgga	gacgctccct	cctcttcttc	cttttcttcc	agacgggctt	tcttgctcgg	1320
gaccagtcca	gcgtccccgc	cgtcgctcag	gctgctgctg	cgtcgtttgc	ggctgacttt	1380
ggcggggcgc	ggggcacagc	aggcggaggt	ctcctcggt	gtcgggcgct	cctgcgtgtc	1440
cattggctcc	ggaaacgggt	gctcaccgtc	gggggtcgct	gtctcggccg	tggaactcggc	1500
ttctcggggc	gggtgcaggc	gagggtcaga	ggggaggggc	gccggcaacg	acacctcggg	1560
ctcagaggcc	tccaccttgg	ccgagaggta	gagctcccg	gcgctgcgca	tgaccagcga	1620
cagctgcaga	ctccggtgca	cgccgagggc	accgcgctgc	atgcgggagt	gatacatctt	1680
ccacaccgac	aggggtcatga	tgcgctgtgc	ctctttctgc	acttccatgg	cgactcgacg	1740
gcgacagcgg	cgggggctcc	cgggaggggc	agaacaggca	gcaggtgcac	tccggacaac	1800
gggctcgctc	aaaaactctc	tacacaaacc	aaccacgcga	gtg		1843

```
<210> 7185
<211> 848
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (169)...(729)
<223> similar to gil59333 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7185					
tttttttttt	ttaaggggttg	tcgtgcaggt	agaggaaatg	agagtgatta	cagaaaactg	60
gaagaaatgc	accaaagatt	cctggtttca	gagcgttcaa	aagatgatct	tcagctaaga	120
cttacgagag	cagaaaatag	aataaaacaa	cttgaactg	actcctcaga	agaaatatca	180
cgttaccaag	aaatgattca	gaaacttcaa	aatgtattgg	agtctgagag	agagaactgt	240
gggcttgtca	gtgaacaaag	gctaaaactt	cagcaagaaa	ataaacagtt	acggaaagag	300
actgagagtt	taaggaagat	tgccctggag	gctcaaaaaa	aagccaaagt	aaagatcagt	360
acaatggaac	atgaattttc	aataaaggaa	cgtggatttg	aagttcaatt	gagagagatg	420

gaagacagta	atagaaattc	cattgttgaa	ctgaggcatc	tcctagcgac	tcaacagaag	480
gcagccaata	ggtggaaaga	agaaacgaag	aaacttactg	aaagtgcaga	aattagaatc	540
aataatctaa	agagtgaagct	gagtcgacag	aaacttcata	cccaagagct	gctttctcag	600
ctggaaatgg	caaataaaaa	ggtagctgag	aataaaaaagc	taattctaga	gcatcaagaa	660
aaagccaaca	gacttcaaag	gcgtctaaag	caggcagaag	agagagctgc	ttcagcttcc	720
cagcagctca	gtgtgattac	agtgcagaga	agaaaaagcag	cctccctgat	gaatctggaa	780
aataatttaaa	aataattcata	gttcactcac	agaacttttag	agttgggaaa	gcagttggac	840
tagaagtg						848

<210> 7186  
 <211> 1678  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1613)...(280)  
 <223> similar to gil359443 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7186	
tttttttttt	ttagaccgca gttttataag aaatttatatt tttcacagat acagaacata 60
aatccaagaa	aaattattat tattttttcac aattatgact aaatcatgtt atttctagtt 120
atttacaagt	actacaatgt tctatgcatt tcttcatcct agacattaat aaaacacatc 180
cctttggtct	tagatacttc tctttggtct gtgtttttctc ctttctgaat tttaatcttc 240
tgtgatgtga	ggaaattttac gtgaaccttt cacatatcta tttttttcct tgtgcacagt 300
tgataatttc	ctcccttaga ttccctattt gctcaaaaagg caaatcctct aagaagtcac 360
ctgcagccca	tagcattcgt ctgagagcag aaagaattag aacatccttt acaggggtcca 420
gctcccactc	agaggaataa ttgctaacca ccgagatgtc agaaagagca aatccaagtt 480
ttctttggac	ttcctctagc ttggacctca caggctcaca tctctctatt tctataaggt 540
caccttttgt	aatcaaatcc atgctatcca catgagtgtg caaagccaca tgtaccacac 600
cagcgtttac	caactccctt cgaattcttt tgatctttac tatcatctga gaggagaagt 660
attgaataga	gctggcatca aatacaaatg ccacacaatg aattctgtcc ttcagcgatg 720
gggaatcaat	gtagtcatga tgatttaatt tgattgattc catgggatta aactggtatc 780
tatcacgaat	gttaccgttc aagatataga atatgtcatc cctgcacagg ccgccttctt 840
tctcactcag	ccccagtgtg tcacacagaa taaacggcag gtatttgcca tctttcccgt 900
ctctaataga	gtatgtccta tactttctcag atatcccagt tgtatttagtg cccaccaaag 960
cctgatgcgt	tacatgccct tggaaaacag acctcactga gttgaaaaag ctggacttcc 1020
cagctccaat	tggaccagac agcagaattc gtatttggtg aaccagggat ccatatgggt 1080
cataagttct	caaggcagac agtaagctct tctgagctc aatgacccct tttatctttc 1140
tttcatccag	tgaatcttcg catcgaaaaa cttcataatc ctgaatagag atagtacaat 1200
tttgagcaag	tccaagattt tccattgtct ttaagtccat aatcactttt ctatttcttc 1260
catctatctg	gaaattagtt ggggagttat attttgtaac atcacaacaa aacagtgttt 1320
ctggtgtaca	tagtcctagt ttccattctg aaatttttagt atcttgaaagt gcaaaaagga 1380
tgatggaagc	atactttcct tcttggtaac tctcttctgc atatgtctca ataatatgat 1440
cttcactata	aatcactgtt agagtaggcc cttgattaca acatctgtca agcaaaactc 1500
cattacggaa	tccatggaca ctacccttat agagaaggct aagccgcttc cctccaaaat 1560
gattttgcag	gatcttttcg tgcaaccatg tcaaacgagt tgtcactgcc atacttcttg 1620
atctgttgta	ctgtctgtag tatcagctag agctgagggt agctgctctg tctggata 1678

<210> 7187  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (69)...(218)  
 <223> similar to gi339697 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7187  
 tctttttttc ttgctgcagc aacgcgagtg ggagcaccag gatctcgggc tcggaacgag 60  
 actgcacgga ttgttttaag aaaatggcag acaaaccaga catgggggaa atcgccagct 120  
 tcgataaggc caagctgaag aaaacggaga cgcaggagaa gaacaccctg ccgaccaaag 180  
 agaccattga gcaggagaag cggagtgaata tttcctaaga tcctggagga tttcctaccc 240  
 ccgtcctctt cgagacccca gtcgtgatgt ggaggaagag ccacctgcaa gatggacacg 300  
 agccacaagc tgcaactgtga acctggggcac tccgcgccga tgccaccggc ctgtgggtct 360  
 ctgaaggac cccccccca atcggactgc caaattctcc ggtttgcccc gggatattat 420  
 agaaaattat ttgtatgaat aatgaaaata aaacacacct cgtggcaaaa aaaaaa 476

<210> 7188  
 <211> 3582  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3583)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3167)...(953)  
 <223> similar to gi4902679 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7188  
 tttttttttt ttgcatatac agagatttta tttccagata tgactgtgag agaattgatga 60  
 ggggagcagt tacttagtct atttgagctg ttataataaa ataccactga ctaggaaatg 120  
 tataaagagg actttatattt ccagaggttc tggaggctgg gaagttcaac atcaaaacat 180  
 cagtaggtgc agttgtctgt tgagggctca tgtctgtttc caagatgatg ccttcatgct 240  
 gcatcttttg gaaggaggga gcattgtgtc ctcacagagc agaaaataga agggccacag 300

gacaaactcc	ctctatcaag	ccttttcata	agggcacctg	atccccattcg	caaagctcta	360
tcttcgtgac	ttgacttaat	cacttcccaa	aggtcccacc	tcctaatact	tacactgttt	420
caacagtaaa	cagttttatgt	agagtttcaa	cataaattaa	ggagggggaca	aaacatccaa	480
accaaggaag	gctgggaggg	aagccagagg	gaaagtgcaa	gaggagggtt	ggtggaggtg	540
tcctagattg	tttgacgtcc	aaggagggtg	gggagagtgt	aacaggcctg	ccttggtatc	600
cctgctctgc	agtcactggc	taagagcagt	ccttaggaag	cacagcctgg	cacaaataca	660
acaagaatat	gtgctcagta	ggaaagagac	cacatttccc	caatagccca	ggtaatgccc	720
ccccctcaac	tggcatctct	gttccctaaa	cattgacctc	ttttctctga	atctcttggg	780
gacacatggg	ttgaattcag	gttctctgta	gccctctgga	ttctgtctgc	ctctgttata	840
tcttcacgaa	caagttatgc	agcctcaact	aaagcttgta	acaaagcaaa	gttactctcc	900
tgagtgtgtc	ctctgatgga	tggtgagata	taacttcaag	atgaagcctc	accacactc	960
cctgtacaaa	aacgcttctc	acgtaagtgt	tcctttaagt	gcttactgta	gtatgactta	1020
ttgctaaact	ttcgtccaca	ctcttggcat	tcataaggcc	tctctcctgt	gtgtattctt	1080
tcatgcacag	tgaggctctga	cttactggta	tagcctcgct	tacactcctg	gcaaacaaaa	1140
ggcttctcct	ttgagtgtat	ccgccagtgg	tgtctggtga	gacttctctt	ccagctgaag	1200
ccttgcccac	acacattaca	cacgaagggc	ttctcccctg	agtgtgtcct	ctgggtgtgtg	1260
aggagatttc	ccttccagtt	gaagcctcgc	ccacactcct	tgcatacaaa	aggctgcttg	1320
ccagaatgtg	caagctgggt	tttcacaaga	tttgacttcc	agataaatcc	ttgccacat	1380
tcactacaga	tgaaaggctt	ctcccctgag	tgtgtcttct	ggtggaagag	gagagtgtgat	1440
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<210> 7189  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (128)...(261)  
 <223> similar to gi2125810 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7189  
 cgtcaggctc ctgcaacccc aggcataaac caagggtttct gaactactgg gcggggagcca 60  
 acgtctcttc tttctcccg cttggcgagg gctttgtcgc tgcgggctgg gcccaggggt 120  
 gtcccccatt gcggggccgc ggggtggagg cgatggcagc atcatggaag ggggcggcca 180  
 gagcctgaga gtctctacgg gcttgagctg gctcctaagc ctcccctggc gggcgagag 240  
 aattcgagcc gggcgagggt acgcctagac tgtgagctca acattcaact ggactgaaac 300  
 gggatcgaga gacgggagggt gggcatctgg gaagacgcct gagctgggtc agcgattta 360  
 gagggctcgc cttgcacgat ccagaccgtg aggcacagtg gtcgacatac gagag 415

<210> 7190  
 <211> 3029  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(3030)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2584)...(0)  
 <223> similar to gi5360085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	7190					
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ggacacgttt	taacagtatt	tttctcttcc	aaaatgcatt	tctgtaaacg	agttttttacc	180
actgtttctca	gctttgaaat	caaattaatc	ctgacttaat	cagtataatg	tacaagaaca	240
gaacattttct	taggactcct	agtactttac	tttgagtaac	aaaagggtcag	agaaaatgaa	300
ccacccttaa	agacacaacc	ttgggtaaca	ctgttatatt	ctcctagaca	aaaattcttc	360
ataaaaaatgt	tcttccagtt	cgggaaggata	aaatcaaatt	cccactttct	ggggtggatg	420
cccaaaacct	tcacaactca	agtgttctcc	aagtgc aaat	gtcaaaatgg	gaggaggaaa	480
gggtttaaaa	attagagaaa	actgtatgca	cttacggact	taaaaatccg	aaaaacatag	540
taaaaagaca	aaaaaacata	gcattatgct	ctgaaatcac	aaccaaagcc	aaaataaaag	600
ggacatttttt	cacctaaact	acctagaggg	attttttggg	tagtttttttc	tttttctttt	660
ttttttcatt	ttccagttaa	gtcctatgtc	ttttgtgaaa	ttccaatact	taaactgcaa	720
gtctgcaatc	gtctctgaag	tcagtgaat	taagaaaaaa	gtcctaattc	tcttgaaggt	780
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tttattttccc	acgaccttga	tgctcctttt	taacactttc	ttcttctctt	tggcgtttct	900
catagtgtga	gaagtcatca	aaaatggaag	tgggtgtgct	gtagctggct	ataattttca	960
acacctgctt	agccttttcc	agaggcactt	cctgagtgtc	cttagagttg	gtcactgggt	1020
tattctcggt	gttctctagg	cgaatgtgtc	gcagttggct	attgggaacg	tccttcacaa	1080
aaatccacct	gacatcaaaa	cgaccttcc	atttgtcctg	ggaccacaca	cctgcacatg	1140
tgttgtagtc	cacagcagat	ttcattttctg	ccacgccaca	gaagtgtcca	ctgccgttga	1200
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tggggttata	gttattaatg	gaccgaagct	tctccaacac	tgggtggggg	tctgaaggag	1440
tagatccaga	accagcctga	gactgtccta	ctccattacc	atccacccca	ttatgaccga	1500
accactgcc	acggttccga	ggtgctaccc	agcgggttgg	ctgagctgcc	tgttgctgga	1560
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atgcctgagc	cactggtggg	ctattgttag	cctgctgacc	tacaggctga	ggagaccctt	1680
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ctgcaatgcc	attcttgggtc	ttcagtttag	gttgctgttt	tgcaggcttg	ctagcaatat	1860
cagcccaaga	tgcttggttt	ggaggagcaa	tgggtgctgg	aggcaacta	ttggaagcca	1920
cgatgttact	agtaatggac	ccgctacca	cagcagaacc	tacaactttt	ggaacattgc	1980
ttgcaacttc	tgtgtacccc	aacttcagtg	ctgccatccc	ttggtctata	gtattcatgc	2040
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ctaaggagct	aggtgcataa	gcataattgc	tactatatcc	agagctctga	gtagactgtc	2160
cctgagaact	gttattttccc	catgctgaga	agtcaatccc	actgggaaag	aaattaaaac	2220
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cattttgtac	tttgtttctt	tgaccttttg	gtctctgtct	caagaggctg	ctggccgaca	2580
tggctctcag	atcctcacgg	gcggcgacgg	cggcgaactc	tcctcagcgc	ggcggcggcg	2640
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acattcactc	accacgcggg	aaggggcccg	gcgcgaagaa	ccccgggaag	ggagaggccg	2940
gccgctgcgc	cctctggcgg	attggaggag	cggaagctgt	gctcacggnn	ctcccgccct	3000
caccggccca	ggattaaggc	ctaggggggt				3029

<210> 7191  
 <211> 4377  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (53)...(1979)  
 <223> similar to gi4240171 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7191

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cgaagagatg	ggggtgccc	tggcgcccg	ggccccgaa	tcgacgctgc	gcaggctgtg	180
tctgggccag	ggggctgaca	tctgggccta	catcttgacg	catgtgcaca	gtcagaggac	240
tgtcaagaag	atccggggaa	acctactctg	gtatggccac	caggacagtc	cacagggtccg	300
tcggaagtta	gagctggaag	ctgctgtgac	ccgcctgcgg	gcagaaatcc	aggaactcga	360
ccagagcctg	gagctgatgg	agcgagacac	tgaggctcag	gacacggcca	tggagcaggc	420
acgtcagcac	actcaagaca	cccagcgctc	agctctcctc	ctccggggccc	aagctggggc	480
catgcgaaga	cagcagcata	cgctccgaga	tcccatgcag	cggctgcaga	atcaactgag	540
gcgcctgcag	gacatggaga	ggaaagccaa	agtagatgtg	acctttggat	ccctcacgtc	600
ggcagctctg	ggcctggagc	ccgtggtcct	gcgtgatgtc	cgaacagcct	gcaccctccg	660
ggcccagttc	ctgcagaacc	tctgtcttcc	ccaggccaag	aggggcagcc	tcccaacccc	720
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ggagggtctg	cggactgtgg	gtgtgctggg	ctcccagcgg	agcaccctcc	tgaaggagcg	1020
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gctgagggag	ctacaggcca	aacagcagcg	gatcctgcac	tggcgccagc	tgggtggagga	1260
gacccaggaa	caggtccgcc	tgctcatcaa	gggaaactcg	gccagcaaga	cccgcctgtg	1320
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cttccccagt	agctaggatt	acaggtagcg	accaccacgc	ccagctcaatt	tttgtacttt	3300
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tcccaaacta	agtgaacatt	agattttaatt	tggctggccc	cagaagaaaa	acatgcacag	3840
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tttttagtgta	aatgaaaaaa	gataacaaat	ataaactcaa	gtaaacaccc	tgtagtcttt	4320
cacatgaatt	ggaaatatca	gaataaagtc	atgatttttc	tctttctaaa	aaaaaaa	4377

```
<210> 7192
<211> 1169
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1096)...(539)
<223> similar to gi4929713 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7192					
gttgggtcca	tttttattgt	ggatcagggc	ttagaggata	agcaccggtc	agcattgttg	60
gctgcaccat	ctgccatcct	tctctgtgag	ccacctctgt	gagagagtct	aaattcagcc	120
caagaaatga	ggatcaagaa	ggggtaaaaa	gccgtggacc	acatggccac	tctgctgta	180
tctacaccta	ccagtcactg	aacacctgcc	caagtgtgat	ggcttccatg	caggagaccc	240
aagtggctct	gctagggaga	atgacttatt	tacctaaggc	ttttttattt	ctcaaaaagt	300

gggggaaaaa	gggctggttt	ctagaaacag	atgtggaatt	gaagaatgtc	ccagggagct	360
aagttttaag	gactaatcac	aaacttgttt	ctccaacaac	atcctgaatc	cattccttgc	420
accatcacac	atttttcatg	catcagaagt	gtttctagag	ctccagaacc	acgagtacct	480
catcacgtcc	tgagcgctca	catccccag	caagccgcct	gcaccaggcc	tttctctaga	540
agtccctgaga	ctgagtactc	tccagaggct	ggaggttcgt	gcggagtttg	tacatgtggt	600
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gcttggcatg	tgcctcctgc	tgtctcacia	agctgtcagc	agacactcgg	agtttggcta	720
tacgagtgtc	ccacatatcc	ttgaccaggg	tccggatttc	gtctgccttc	gggatgttgt	780
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taaaagtttc	ttcctttcgt	tcatgatccc	tcatcttctc	caacttttct	acatccatcc	900
actctggagg	gagcaggcga	cattttctgtc	tttgtttcag	gttaatcgcc	agccacaggg	960
gcacttccac	gggtaaaacca	gggttaaaaag	gccccaggtc	ccccccgatg	aggtagatct	1020
tgtccagact	gaagttgggg	ataatggtaa	ccagctcctt	ctcggcgagg	aattcgacct	1080
cggcagcgtc	catggcggcg	cgagctgcag	gccagagcct	cacggtctcc	tcggggcccct	1140
cagcgtcccg	gaggagacgc	cgcgccgcgc				1169

<210> 7193  
 <211> 2098  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (78)...(1909)  
 <223> similar to gi412163 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7193	
aggatgtctt	ctggcaatth
cacacgcctt	tggcacaatg
cggcttattc	caggggtgtg
ttaaagattt	gggagaagaa
ttcagcagtg	tccatttgaa
aaacatgtgt	tgctgatgag
gagacaaaatt	atgcacagtt
gtgcaaaaaca	agaacctgag
acctcccccg	attggtgaga
aagagacatt	tttgaaaaaa
ccccggaact	cctttttctt
ctgctgataa	agctgcctgc
cttcgtctgc	caaacagaga
tcaaagcatg	ggcagtagct
tttccaagtt	agtgcacagat
ttgaatgtgc	tgatgacagg
tctccagtaa	actgaaggaa
ccgaagtgga	aatgatgag
aaagtaagga	tgtttgcaaa
tgtatgaata	tgcaagaagg
agacatatga	aacctactta
ccaaagtgtt	cgatgaatth
catataagta	ttttttcaaa
cctttatttc	cctttctttt
atgcacacaa	gagtgagggt
gattgccttt	gctcagtatc
tgaagtaact	gaatttgcaa
atcacttcat	accctttttg
tggtgaaatg	gctgactgct
acacaaagat	gacaacccaa
cactgctttt	catgacaatg
aagacatcct	tacttttatg
ttttacagaa	tggtgccaag
acttcgggat	gaagggaagg
aaaatttgga	gaaagagctt
caaagctgag	tttgacagaag
atgctgccat	ggagatctgc
ctgtgaaaat	caagattcga
ggaaaaatcc	cactgcattg
attagctgct	gattttgttg
tgctcttctg	ggcatgtttt
gctgctgctg	agacttgcca
agatcctcat	gaatgctatg
tcagaattta	atcaaacaaa

attgtgagct	ttttgagcag	cttggagagt	acaaattcca	gaatgcgcta	ttagttcggt	1380
acaccaagaa	agtaccccaa	gtgtcaactc	caactcttgt	agaggtctca	agaaacctag	1440
gaaaagtggg	cagcaaatgt	tgtaaaccatc	ctgaagcaaa	aagaatgcc	tgtgcagaag	1500
actatctatc	cgtggctcctg	aaccagttat	gtgtgttgca	tgagaaaacg	ccagtaagtg	1560
acagagtcac	caaagtctgc	acagaatcct	tgggtgaacag	gcgaccatgc	ttttcagctc	1620
tggaagtcga	tgaaacatac	gttcccaaag	agtttaaatgc	tgaaacattc	accttccatg	1680
cagatatatg	cacactttct	gagaaggaga	gacaaatcaa	gaaacaaact	gcacttggtg	1740
agcttggtga	acacaagccc	aaggcaacaa	aagagcaact	gaaagctggt	atggatgatt	1800
tcgcagcttt	tgtagagaag	tgctgcaagg	ctgacgataa	ggagacctgc	tttgccgagg	1860
agggtaaaaa	acttggtgct	gcaagtcaag	ctgccttagg	cttataacat	cacattttaa	1920
agcatctcag	cctaccatga	gaataagaga	aagaaaatga	agatcaaaa	cttattcatc	1980
tgtttttctt	tttcgttggt	gtaaagccaa	cacctgtct	aaaaaacata	aatttcttta	2040
atcattttgc	ctcttttctc	tgtgcttcaa	ttaataaaaa	atggaaagaa	aaaaaaaa	2098

<210> 7194  
 <211> 2951  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (673)...(2640)  
 <223> similar to gi3005599 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7194						
tgactaagggt	cacaaggcta	gtgagtggta	gaaccaagtc	tcttgcccat	ttcctaggtc	60
ttttatatta	catcatgcta	ctttctctaa	gtggtagtgg	tcgtcaagag	tttgaagggtg	120
acctaaagcc	tgacttgagc	aacgtagtgtg	tcagatatatt	gccaaatcta	gtataatgag	180
gggccatgga	gtctagtgtt	acacaggaga	acctgaaata	gcaaggactg	attacaatag	240
ataaaaactat	caccagggca	tttcctgata	ctctggaaaa	ctgaaaaaga	aacactgctg	300
ctaaaacgca	ctcactgtga	ataacaataa	tatttttttag	aaaagtaagt	ggcaagtggg	360
ggtcgcgcct	ggagcggagc	ctcggcctcc	ggagcgcgag	ctgcagccct	gtattgagct	420
gagatggctc	gagcctaaca	ttccatgatc	caggatcgtg	acagatgtgc	acaggctgct	480
gctgttgctg	ctgtgggtaa	tttggaacca	cgaggcaccc	cagggccaga	agacgaggca	540
ttctgtctgc	ctggatgtgt	gggaactctc	tgccaaacttg	attggtggat	ctgggggggg	600
atccaccccc	acccacagag	gaaagcacag	tttattttgt	gggtgggggt	tcaggtgccca	660
gccagctgaa	ggatggccac	ccctgtgggtc	accaagacag	cctggaagtt	gcaagagatc	720
gtcgcgcatg	ccagcaacgt	gtcctcactg	gtgctgggca	aagcctccgg	gcggctgctg	780
gctacaggcg	gggatgactg	ccgcgtcaac	ctgtgggtcca	tcaacaagcc	caactgcac	840
atgagcctga	cgggccacac	atccccagtg	gagagcgtcc	gcctcaacac	ccccgaggag	900
ctcatcgtgg	cgggtctctca	gtcgggctcc	atccgtgtct	gggacctgga	agctgccaaa	960
attcttcgca	cactcatggg	acacaaagcc	aacatctgca	gcctggattt	ccaccogtac	1020
ggcgagtttg	tagcctctgg	ttcccaggac	acaaacatca	agctctggga	catcaggagg	1080
aaaggctgtg	tcttcgata	cagggggcac	agccaggccg	tgcggtgtct	ccggttcagc	1140
cccgatggga	agtgggtggc	gtcggccgca	gatgaccaca	ccgtgaagct	ctgggatctc	1200
actgccggca	agatgatgtc	tgagttccct	ggtcacacgg	ggcctgtcaa	cgtggctcag	1260
tttcacccca	acgagtacct	cctggcctcc	ggcagctctg	acaggacaat	ccgcttctgg	1320
gacctggaga	agttccaggt	ggtgagctgc	atcgaagggg	agcctgggcc	cgtcaggagc	1380
gtcctcttca	accagacgg	ctgctgcctg	tacagcggct	gccaggactc	actgcgtgtc	1440

tacggctggg	aacctgagcg	gtgctttgat	gtggctctcg	tcaactgggg	caaggtggcc	1500
gacctggcca	tctgcaatga	ccagttgata	ggtgtggcct	tctcccagag	caacgtctcc	1560
tcctacgtgg	tggatctgac	gcgtgtcacc	aggactggca	cggtggcccg	ggacctgtg	1620
caggaccacc	ggcccctggc	acagccactg	cccaacccca	gcgccccct	ccggcgcac	1680
tatgagcggc	ccagcacaac	ctgcagcaag	cctcagaggg	tgaagcagaa	ctcagagagc	1740
gagcgccgca	gccccagcag	cgaggatgac	cgggacgagc	gcgagtcctg	cgcgagagatc	1800
cagaacgccg	aggactacaa	cgagatcttc	cagcccaaga	acagcatcag	tcggacgcca	1860
ccccggagaa	gtgagccctt	ccctgcaccc	ccagaggacg	acgcagccac	agcaaaggag	1920
gcagcaaagc	ccagccctgc	catggatgtg	cagttcccgg	tgccaaatct	ggaggtcctg	1980
ccccggcccc	cagtggttgc	ttccacacct	gcacccaagg	ctgagcctgc	catcatccct	2040
gccacccgga	acgagcccat	cggtctgaag	gcctccgact	tcctgcccgc	cgtgaagatc	2100
ccccagcagg	ccgagctggg	ggacgaggat	gccatgtcac	agatccgcaa	aggccacgac	2160
accatgtgtg	tgggtctcac	cagccgccac	aagaacctgg	acactgtgcg	ggctgtgtgg	2220
accatgggcg	acatcaagac	gtcgggtggac	tccgctgtgg	ccatcaacga	cctgtcggtg	2280
gtgggtggacc	tcctgaacat	cgtaaccag	aaagcctccc	tgtggaagct	ggacctgtgc	2340
accacgtcc	tgccacagat	tgagaagctt	ctgcagagca	agtatgagag	ctacgtccag	2400
acgggctgca	cctccctgaa	gctgatcctg	cagcggtttc	tgcccctcat	cacagacatg	2460
ctggcgggccc	caccctctgt	gggtgtggat	atcagcaggg	aggagaggct	gcataagtgc	2520
cggtctgtgt	acaagcagct	taagagcatc	agcggcctgg	tcaagagcaa	gtcaggcctg	2580
agcggccgcc	atggcagtac	cttccgcgag	ctgcacctgc	tcatggccag	tctggactga	2640
ggaaagcagt	gggcaggggc	gctcggcagc	ccacagggcc	tggcctcagc	ccccactcct	2700
gttccttgtg	caccactgg	cccatgagcc	tctgcctggc	ccctgctgct	gtcctgtggc	2760
cgctcctggag	gaggtgatgc	tgggtccctg	ccacctctac	agccctgaac	tcttgagaca	2820
actctctcca	gcaatagctg	cccagctttg	cccaactgtt	gcttcttggg	gcagcgaact	2880
gagccctggg	gctgctgctg	taatttataa	ggcaaatatt	attaaatttg	taactattcc	2940
caaaaaaaaa	a					2951

<210> 7195  
 <211> 1623  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (28)...(376)  
 <223> similar to gil698653 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7195						
ggcacgagcc	gagtcggttg	cgctgtcatg	gcgggtgtgc	tgaagaagac	cactggcctt	60
gtgggattgg	ctgtgtgcaa	tactcctcac	gagaggctaa	gaatattgta	cacaaagatt	120
cttgatgttc	ttgaggaaat	ccctaaaaat	gcagcatata	gaaagtatac	agaacagatt	180
acaaatgaga	agctggctat	ggttaaagcg	gaaccagatg	ttaaaaaatt	agaagaccaa	240
cttcaaggcg	gtcaattaga	agaggtgatt	cttcaggctg	aacatgaact	aaatctggca	300
agaaaaatga	gggaatggaa	actatgggag	ccattagtg	aagagcctcc	tgccgatcag	360
tggaaatggc	caatataatt	attaagtgc	tttgggtgtg	tcatgggaaa	ctgatgtaat	420
taaatattct	gttatattaa	gagcgtgttc	ttattactga	cattttttaa	tcaagaaaag	480
tgatatagaa	aatatgtagg	agactgttaa	aattgggtgat	tatggtaata	tgggtcatgtg	540
aatcaatttt	tgatttataa	agtactcaca	caagttgttt	caaagatgat	atttctgtga	600
acagagaggg	catgggaaga	tttgaaaatt	attaaagaaa	aattcctaca	gattttcaat	660

gcagagacca	taatcaaaaa	gtaaaactttc	tttagtagta	tggtcaatac	atcattttaat	720
ttttaaggtt	atcctgaaga	aggaaagggtc	cttaattatt	atagtctaaa	caaattttata	780
gattactggt	tgaagtaa	aatacgagtg	aatattttca	aatgtgataa	aatagcacaa	840
gtggctggtg	ataaaatttg	aaattatggt	taacctcagc	tgtgatctta	tgtatgtaaa	900
gtgaaattta	aatagataat	tataggttga	ttacaaaatc	catagtgtca	ttttatttta	960
gtcattattg	aattatacca	tttactctgt	tttcttatag	tcttaatttt	attatatttt	1020
gttgttactg	tattataattt	gaaaaccttc	aaattagaat	acattgtaca	gttaaagaaa	1080
ttgacttggg	acttaaaaaga	aagattttccc	attgcataca	ggttattgga	gaaattttcc	1140
ttttgttgca	tttggtggaag	ttagttttct	ggcccggtgc	ctttaatttt	cttaatcaac	1200
ctaattacat	caggatagag	gtagagtttc	tgtaaaagaa	gagacattaa	gagttcctga	1260
aatttatatc	tggcatagcg	ataggcttat	attcaaaaaca	tcttagtcat	acgaccataa	1320
attaaaagtg	gagtcactaa	atagtttgca	gtacgtttct	aatataagtg	taggtgggta	1380
tcaaaacaag	acaaatgctg	ttcagggaaa	gaagtgggca	agcttaaggt	taaacaaaaa	1440
taaaattaca	tgtgttttcg	caaaaaaaa	aaaaaggggc	ggccgtttta	aaggatcctt	1500
ggggggggcca	aatttaacgc	gggcaggcaa	ggaatatatt	tttcccttat	ggggagccga	1560
attataacct	acctggggat	ttttgaaagg	gacccttact	tgtgggggga	gacataatgg	1620
aaa						1623

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<210> 7196
<211> 2023
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(481)
<223> similar to gi619161 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7196						
gtacgaccgt	ctcctggctg	ccgtcacttc	cggttctctg	tcagtcgcga	gcgaacgacc	60
aagaggggtg	tcgactgcta	gagccgagcg	aagcgatgcc	taaatcaaag	gaacttggtt	120
cttcaagctc	ttctggcagt	gattctgaca	gtgaggttga	caaaaagtta	aagaggaaaa	180
agcaagttgc	tccagaaaaa	cctgtaaaaga	aacaaaagac	aggtgagact	tcgagagccc	240
tgtcatcttc	taaacagagc	agcagcagca	gagatgataa	catgtttcag	attgggaaaa	300
tgaggtacgt	tagtgttcgc	gattttaaag	gcaaagtgtc	aattgatatt	agagaatatt	360
ggatggatcc	tgaaggtgaa	atgaaaccag	gaagaaaagg	tatttcttta	aatccagaac	420
aatggagcca	gctgaaggaa	cagatttctg	acattgatga	tgacagtaaga	aaactgtaaa	480
attcgagcca	tataaataaa	acctgtactg	ttctagtgtg	tttaatctgt	ctttttacat	540
tggcttttgt	tttctaaatg	ttctccaagc	tattgtatgt	ttggattgca	gaagaatttg	600
taagatgaat	actttttttt	aatgtgcatt	attaaaaata	ttgagtgaag	ctaattgtca	660
actttattaa	ggattacttt	gtctgcccac	cacctagtgt	aaaataaaat	caagtaatac	720
aatcttaact	gttggtggcct	tttttgatca	taagagttgg	tactgtttta	ggccaaaagt	780
aacagttttt	atagatcttt	tagtttcaac	tcagctttta	caataaaaag	gatttgtatt	840
gcattgagtt	tataaacttt	tggtttggtg	acttcatatt	tgatcttttc	tcttccaatc	900
aaatgtctag	gcttggttga	cttccacccc	caatggtttt	tactcttttt	tatttacttc	960
attttccttt	aataacttaa	tctcttcatg	ttcagttttt	acttcaactc	ttattctttt	1020
ctttgattat	ggtagcttga	tttggaaggt	cagtgaact	gtcaaatgt	tatctcaata	1080
agatacttat	atgagaacta	caatcaccga	atctactgta	ttcaatatta	gcagatctaa	1140
tttgataaac	aacatggctt	gtgtgaaaac	tgagcaggtg	tttgtttacc	catagtgttc	1200

tgtgtagtta	ttgcttagtc	tgcagaaaat	aatgacttag	atgagatgtc	tgacttgctt	1260
tcacttatta	aacatgttca	ccatgggatg	atgtctgtaa	catcagatat	tgttcaacta	1320
gactaggatt	taataaaaaat	tgtgaaagct	tactggccta	acatttttatt	ttataaatatt	1380
gggtatgaat	tatatgtatc	cagagatgtc	attaagcttt	actgttatag	taggtaatat	1440
ggtagtttg	tagggaaaag	agcatatgag	cacatgcttg	tgtatttttg	cctttgcccc	1500
atgagaacag	accaatggca	ttctagactt	gatgatacta	agtttttagca	gacactactg	1560
gggggtttgt	atttaaccat	actgatgaag	cagacagatt	gaggcacaga	tttttagtggc	1620
tttgtggcaa	taaatagggc	atggtgtgcc	ttaggaaaag	aatgtttata	aagggaatta	1680
taactgaaat	taaaggaggc	ggcagtgaag	aggaaataat	tctcttctat	ctaaatgata	1740
tacatatgat	attttgagat	ttttataaca	gcaggggaac	acaattctag	gtagagtaga	1800
aaaaggaaaag	ttttaaagac	atataaaaaga	ttcttggtga	caaattattt	ttggtagcaa	1860
atctcaaatg	gttacctgct	attaaggctc	gccatattag	agttttgcac	tattttgcta	1920
ccaagtttga	ttcatcacat	taaaacattt	tgtagttact	tgtcaaggac	ttaatttgaa	1980
aatcattttgc	caggccacat	agttatcaat	ttttttttct	atg		2023

<210> 7197  
 <211> 2226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2227)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (36)...(1887)  
 <223> similar to gil658503 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7197	
cgataatggc	ggatatggag gatctcttcg ggagcgcgc cgacagcgaa gctgagcgta 60
aagattctga	ttctggatct gactcagatt ctgatcaaga gaatgctgcc tctggcagta 120
atgcctctgg	aagtgaaaagt gatcaggatg aaagaggtga ttcaggacaa ccaagtaata 180
aggaactgtt	tggagatgac agtgaggacg agggagcttc acatcatagt ggtagtgata 240
atcactctga	aagatcagac aatagatcag aagcttctga gcgttctgac catgaggaca 300
atgacccttc	agatgtagat cagcacagtg gatcagaagc ccctaatgat gatgaagacg 360
aagggtcatag	atcggatgga gggagccatc attcagaagc agaaggttct gaaaaagcac 420
attcagatga	tgaaaaaatgg ggcagagaag ataaaagtga ccagtcagat gatgaaaaga 480
tacaaaattc	tgatgatgag gagagggcac aaggatctga tgaagataag ctgcagaatt 540
ctgacgatga	tgagaaaatg cagaacacag atgatgagga gaggcctcag ctttccgatg 600
atgagagaca	acagctatct gaggaggaaa aggctaattc tgatgatgaa cggccggtag 660
cttctgataa	tgatgatgag aaacagaatt ctgatgatga agaacaacca cagctgtctg 720
atgaagagaa	aatgcaaaat tctgatgatg aaaggccaca ggcctcagat gaagaacaca 780
ggcattcaga	tgatgaagag gaacaggatc ataaatcaga atctgcaaga ggcagtgata 840
gtgaagatga	agttttacga atgaaacgca agaatgcgat tgcactctgat tcagaagcgg 900
atagtgcac	tgagggtgcca aaagataata gtggaaccat ggattttattt ggagggtgcag 960
atgatatctc	ttcagggagt gatggagaag acaaaccacc tactccagga cagcctgttg 1020
atgaaaatgg	attgcctcag gatcaacagg aagaggagcc aattcctgag accagaatag 1080

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aagtagaaat acccaaagta aacactgatt taggaaacga cttatatattt gttaaactgc 1140
ccaactttct cagtgtagag cccagacctt ttgatcctca gtattatgaa gatgaatttg 1200
aagatgaaga aatgctggat gaagaaggta gaaccagggtt aaaattaaag gtagaaaata 1260
ctataagatg gaggatacgc cgagatgaag aaggaaatga aattaaagaa agcaatgctc 1320
ggatagtcaa gtggtcagat ggaagcatgt ccctgcattt aggcaatgaa gtgtttgatg 1380
tgtacaaagc cccactgcag ggcgaccaca atcatctttt tataagacaa ggtactggtc 1440
tacagggaca agcagtcttt aaaacgaaac tcaccttcag acctcactct acggacagtg 1500
ccacacatag aaagatgact ctgtcacttg cagatagggtg ttcaaagaca cagaagatta 1560
gaatcttgcc aatggctggt cgtgatcctg aatgccaacg cacagaaatg attaagaaaag 1620
aagaagaacg tttgagggtc tccatacgtg gggaaatctca gcagcgccga atgagagaga 1680
aacagcacca gcgggggctg agcgccagtt acctggaacc tgatcgatac gatgaggagg 1740
aggaaggcga ggagtcacatc agcttggtctg ccattaaaaa ccgatataaa gggggcattc 1800
gagaggaaacg agccagaatc tattcatcag acagtgatga gggatcagaa gaagataaag 1860
ctcaaagatt actcaaagca aagaaactta ccagtgatga ggtaagacca aatttattca 1920
attctagggg tttatcctgt actcaggagc caactgcttt gaatgaagag ctcacagatc 1980
aggcaggcac aaattagttg tctacacacg tactgaaat ccagtgagat aaatgcagta 2040
acaagacaga gtgatccaga ggaggatctg atacctgtgc ttagagagggt cttagaaggc 2100
tgcatggagg ataagacttc ttgctgggtg ttgaagagtg atcanaagct tgctggtcaa 2160
actgtcctgt ctctggtagg tcaactccga tagatggaaa ggcctggaag aaaagggtgca 2220
ggtccc 2226

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<210> 7198
<211> 1425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (284)...(731)
<223> similar to gi32433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7198
cgcagcccgga tattcctgtg gacattttcca ggacgggtcag cttgggtcccc ccgccgaaga 60
ccacgaagtt gctcccgtt tcatgttctg cccacacagt gaagtcactc tcatcgctt 120
cttgatggtt gttgatgatg agaaaccgat tcaggcctga ggccaacact gagaagcgat 180
tagggatgcc atccccctg gagccacaa tgccaccggg gccactcgc atcacaaacc 240
gggggcccct ccctggtctc tgctggtacc ggtcgacgat ttcgttggtc tggctcttgc 300
cctcatcctg gttctggaat cctcagttca aggttatcct acgcagagag ccaggtaacca 360
atgggtgctg tgcaatccag acagtaattc tgcaaaactgc cttgaagaaa aaggaccaat 420
gttcgaacta cttccagggt aatccaacaa gatccccctg ctgaggactg acctttttcc 480
aaagacgaga atccaggact tgaatcgtat ctccccact tctgaggact actctggatc 540
aggcttcggc tccggctccg gctctggatc aggatctggg agtggcttcc taacggaaat 600
ggaacaggat taccaactag tagacgaaag tgatgctttc catgacaacc ttaggtctct 660
tgacaggaat ctgcctcag acagccagga cttgggtcaa catggattag aagaggattt 720
tatgttataa aagaggattt tcccacctg acaccaggca atgtagttag catattttat 780
gtaccatggt tatatgatta atcttgggac aaagaatttt atagaaattt ttaaaccatct 840
gaaaaagaag ctttaagttt atcatcctt tttttctcat gaattcttaa aggattatgc 900
tttaatgctg ttatctatct tattgttctt gaaaatacct gcattttttg gtatcatgtt 960
caaccaacat cattatgaaa ttaattagat tcccatggcc ataaaatggc tttaaagaat 1020

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atatatatat	ttttaaaagta	gcttgagaag	caaattggca	ggtaatat	catacctaaa	1080
ttaagactct	gacttggatt	gtgaattata	atgatatgcc	ccttttctta	taaaaacaaa	1140
aaaaaaaaata	atgaaacaca	gtgaatttgt	agagtggggg	tatttgacat	attttacagg	1200
gtggagtgtg	ctatatacta	ttacctttga	atgtgtttgc	agagctagt	gatgtgtttg	1260
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tgtgctgtca	atacctcata	ctgctttacc	tttttttcc	ggatatctgt	gtattttcaa	1380
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<210> 7199

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (189)...(1491)

<223> similar to gil655625 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7199

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aacgcgattg	agaaatggaa	aagaaaatga	aataaatcag	cagttatgag	gcagagccta	180
agagaactat	ggcaacatca	ggtgactgtc	ccagaagtga	atcgacggga	gaagagcctg	240
ctgagtgtag	tgaggcgggg	ctcctgcagg	agggagtgaca	gccagaggag	tttgtggcca	300
tcgcggacta	cgctgccacc	gatgagaccc	agctcagttt	tttgagagga	gaaaaaatc	360
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acattccggc	aaaccatgtg	gggaagcacg	tggatgagta	cgaccccgag	gacacgtggc	480
aggatgaaga	gtacttcggc	agctatggaa	ctctgaaact	ccacttggag	atgttggcag	540
accagccacg	aacaactaaa	taccacagtg	tcactctgca	gaataaagaa	tccctgacgg	600
ataaagtcac	cctggacgtg	ggctgtggga	ctgggatcat	cagtctcttc	tgtgcacact	660
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00480733E 013100



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<210> 7200  
 <211> 3915  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (3747)...(1146)  
 <223> similar to gi3319956 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7200	
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gttaaaatca	tgtaaaaca
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ttcaagttct	gaagggaagg
cccaccagaa	actaccaaga
ccaaatacaa	aaagcagtta
ggaaactggg	catcgtataa
tgttttgttt	tgtggctctt
tgaaatatca	acagcccacc
ataattacca	aaaaaaagtc
ttttttttta	gttttgattt
ggagaattta	caaccaactg
gagagtgaac	aggaggggat
agggtggggat	tatttagtca
ggaggtgggg	acaaacagaa
tgcttgcccc	tatggagggg
gcagccctgg	gatgaccca
cgaggcaggc	gctggtggag
gctactgtgt	acttgtgcca
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ggaaaagctt	ttgggtctgg
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ataattacca	aaaaaaagtc
ttttttttta	gttttgattt
ggagaattta	caaccaactg
gagagtgaac	aggaggggat
agggtggggat	tatttagtca
ggaggtgggg	acaaacagaa
tgcttgcccc	tatggagggg
gcagccctgg	gatgaccca
cgaggcaggc	gctggtggag
gctactgtgt	acttgtgcca
cgtagtatgg	cgccactgg
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ggaaaagctt	ttgggtctgg
ttcaagttct	gaagggaagg
cccaccagaa	actaccaaga
ccaaatacaa	aaagcagtta
ggaaactggg	catcgtataa
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ggagaattta	caaccaactg
gagagtgaac	aggaggggat
agggtggggat	tatttagtca
ggaggtgggg	acaaacagaa
tgcttgcccc	tatggagggg
gcagccctgg	gatgaccca
cgaggcaggc	gctggtggag
gctactgtgt	acttgtgcca
cgtagtatgg	cgccactgg
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aacaggaggt	ggaaggctgg
cattgttgcc	tgtttgaatc
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gctcccgtag	tcgtagtcc
gttccactgc	tgggcatact
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ctggtttag	ggtggctggc
ctgtggagg	ctgtagctgc
gttgctgttc	ttattgtagg

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cctcccaggg	ctctgtcccc	cttaaaccctt	tcctgtcagg	aggcgaaggg	ggaaaggggg	3840
ggggcccact	ccaatggcgg	cagcggtcca	aatggccgc	cgccaccgcc	tccccctca	3900
ctcgtgcctc	gtccg					3915

<210> 7201

<211> 1730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1633)...(743)

<223> similar to gi4680701 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 7201
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tggggagtat gtcagagggg tagtgaaagt ccaggggatt tctcctccaa gtcctaccac      120
acaaaggaaa gtctcaagcc tctattcacc ccttctcaat cccacaaaaa taggggggtg      180
ttcaatattg tcttcaatga taaaaacttt gtgggttaaag gtttctcctt aggactagcg      240
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gcaagagtcc ttgggggaaa attccttagcg ttctataccc cagcatctta ccttaggggt      360
aaatctaggt ctaaccaagc tgtgcaggtc aactaagaag gaatgatgaa accacagagt      420
ttcatggaga aacctggag atgtctgaat agctgataag cagttaacac actgacccaa      480
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cagttggcca cagcatggca ggccttcctg taggggtgcct gacaattccc tagatgcctc      600
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aaaggctgca gcctcaggct tgtgggttatg gaaagagcct ggaattgaca ggagagggaag      720
cactgccaaa gtgaggatct tatttatcct tcttggtttc cccatctgac actgtgggtg      780
gggttgaagc cacaggctgc tcctcaggga tattgtctcc agcctttgat agtttcttgg      840
cccgtggta tagctcatth aagttaaatt ctcgatcac attctcctca gagaagggtcc      900
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ggaacaggat cagggtaggg agttgcttgg tgaggggtga tgtgctcact ttgtaccgcg     1020
tactaacatc agtatagcgt ccaacatcca ccttcccaaa atttagccct gtacagttgt     1080
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tatcattgaa gtacttgata tactcagggc ccatatatag gggggggttg cacgtcatca     1260
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gcggcagttt cctcacgagt aggaaggcag cagagagcag ggccgacaga aggtagtaag     1560
gttgggcgag ccacgtgtaa agtcgcggca ccgaatacac gagagcaatt agagggtgcca     1620
agaccgccat cttttcggcc gtaacggcca ctgctgcgcg gcgtcgtagg tctcgccccg     1680
cctccccccac cataacgact gctattgggc tatatcgcaa acgtaccccc     1730

```

```

<210> 7202
<211> 2051
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1807)...(116)
<223> similar to gi5764636 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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aaataattaa aattccaaat caaaacataa ctcttgcccc tgagatcccc agttaatcct     120
ctaagaccac aatctccaca ttgtgaactt gatgctgggtg ttcttccatc tcagccacaa     180
ctttctcctc agtcctcagc tctgtctcca agatgactgc tttgccctca gtatcttcag     240
cttctgggtc cggggctgga tcaatctcaa tgatggtctg cccatcctct gaggtgcttt     300

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caacagcctg	aattgccgag	gttaggccgg	actccatggc	caccaattcc	acagggctaa	360
ccatggtggt	catgttgccc	agtgtactcc	catcctgcat	ggcagtagag	ctcagcagcg	420
ccaagctaga	tgaagggtgg	atggtcactg	tgtctggtga	gctgctcttg	gcagaggaga	480
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gcttcttctg	ctcctccaac	tggcgttcca	agtctgtcag	agtatagaga	aactgttctt	840
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caaatgtgtg	tgtacattg	ttgagaacag	cagcatctgt	gaacttgaag	ggagcctgga	960
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tctcgactcc	tctggaggac	tctactccat	ttacctcccc	aaatcctggt	ttatgaagtt	2040
tacactcgta	c					2051

```
<210> 7203
<211> 1603
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1479)...(560)
<223> similar to gi5441322 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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ctacttcagg	atggctaaca	tttgagaga	agaggatccc	ccaggtagtc	tgtacataat		180
tcagagagag	gacatcagaa	ttttccatgg	ttctatttca	ggtagtaagg	taccacagtg		240
aagcatgtca	tttgactgtg	gtggcaaagg	gacggcactg	agcatgccta	acctattccc		300
cggcattttc	gtccaatcag	cgcatgctcg	caatgatcat	ccatgggtga	aaaggaagag		360
ctgaaagaca	catgtgctga	gcaacattta	at tttctgctt	gttaaacggg	tgattaggcg		420

ccagtgtggc	accatccaga	cactgggaat	ttgtgccact	ccatcagttc	tgctggctct	480
gctcattctg	ctttcctgca	gtggatgcca	cttcccaaag	aaccatgctc	caaaaaacaa	540
aagagaattt	cctcattagc	tggacttggc	tgcagcaact	gtttggtttg	gagtagctgt	600
agttgttggg	agatggtcca	tctctggtgc	atcaaaaaag	tatgccaagc	agccacaga	660
aagcagcata	tggagcaaca	caattgtcac	aattgtggcc	aatgcaacgc	gtcggttatc	720
ctcacgaaca	gctggccaaa	atgtcattgc	caagagagat	cctgagatgc	ccagggcaat	780
catgactaga	atccaacgaa	cagctttgtg	ggggataatc	cacagtattg	cgggtggggat	840
ataaatgaag	agggaatatc	catagacaca	cacaatctcc	agaaatgaat	aggagacgat	900
gttcataact	ttgctgtttc	tccacatgag	gaaaccccag	agtgcaagag	gaaccagcca	960
ggcataggca	tagatgatgg	tagctgctat	ggacactttt	cggaattcgg	gcacataatg	1020
gtacgtcttc	tctcccagat	ggatcaagaa	gttggaagaa	ttcccactaa	ttgctatggc	1080
aaagaccaac	gtggcacata	tccaaaaggg	gccatagaga	tctggattgc	tgcggatata	1140
taacctcaca	aagtttttcc	cgggtattgg	caaaagagat	cctttaattc	tgtcaaagac	1200
ctggtaggtg	tccacatcaa	agaatgtttg	gtagtattca	aatgtccaga	agggggagct	1260
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atcctcaatg	tttactgtgg	tggcatctgg	gtttgctgtc	agagaagtgg	ctgcattgcc	1440
aaattcttca	aattgcaagt	catctactgc	tgccattcgg	ccagtgagtc	ttctcccaat	1500
tatgaggaag	aaaatttgca	gggttctcgc	ggggttaggc	gtcccccggy	tcccgagaag	1560
gctcgggcct	cagttgctcc	gcgcgcggtt	cgggtccagcc	cag		1603

<210> 7204

<211> 1967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1718)...(603)

<223> similar to gi3341992 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7204

agaaagacac	tggatctttt	atTTTTTTTcc	tttcatTTTTc	tttttcttaa	aaaaacaaaa	60
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atgggggcg	gggggcacta	aaacaaaaga	gaaaagcacc	agtgagatgt	ctttcccat	180
ttcttctctc	cgccacggaa	cacgcacacc	aacagagccc	agggccactt	tttgccctct	240
tcccttggaa	aaaggaggaa	cagaagattt	aagaattttg	aaaggatttt	tttcttgtgt	300
gaatgtgtgt	aaaagtcaat	gctataaatc	taaaacgagg	tctgtttttt	taaaaaagtt	360
ctaaaacaac	aggaggaaaa	cacatggaaa	gaaacccctc	gcgagagacct	gcttccttac	420
agatggaggc	tcttttggag	gagagtgtga	agggcagagg	gctccctgcg	ccggcaggac	480
ctgcccggcc	accctccact	cccctgccat	caccctcct	ctctcctttt	aaaaagcaaa	540
acccactct	tgggaactcg	gtcgtcctcc	gatccctgct	ggaaagtgcg	gcggtactt	600
ggcgtcgagc	ttggccatct	cctgcacgta	gatgccgatg	ctctcgctgt	cgaagagcag	660
gaagtacacg	ttcttcagcg	aggacgcgct	cgagtcatca	aagtgggctg	agatggcttt	720
gagggtcacc	tgggcccag	tctgtttggg	aaagcagttt	ctgccgctgg	ggaaaggcgg	780
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tttggtgctg	agtccactgg	attggctgac	ggcggcttcg	gcgacttcca	aagggccttg	960
ggatttgcga	agctccttta	ccgtttccaa	gaactctttt	ccccagcct	tttccaaggc	1020

tttacctata	tcttctttga	ggtcaatttc	ggctgtgggt	gggtggacaa	tgccctccac	1080
tctcatggag	ccaatatggc	tgatgtcact	ctgggttaag	gacagcttct	gtcccagaac	1140
aaggctctta	gaagacagaa	tggtgaatcc	atcccctggc	ccatcttcag	aggtggaatt	1200
tgaagtccct	tctttatcgc	tgtcctttgg	tttggacttt	ttggacgtcc	gtggtttggc	1260
agccttggat	ttcttccccc	ccttcttgcc	tgacgtggcc	ttcctgcctc	ttttctctgg	1320
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gagctcctcg	tcattggcaa	ctgccagcaa	gatgtgtctc	ggggctatcc	gggccttctt	1500
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ccggtgccct	ctgcgcggcc	ctccacgggc	gcaggtttgg	ccacgcggc	gccggtgccg	1860
ggcaggactc	tttgcccttc	tttgggttct	atctgtgcgt	gtcaatgaca	acaatcccca	1920
gttctctcgg	gtgggggggg	gggggagggg	attaatttaa	taaggat		1967

<210> 7205  
 <211> 3407  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (316)...(3087)  
 <223> similar to gi4803672 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7205						
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ctgcggactc	aagagtctag	aatcaagtgg	aaaaaccgga	aaaaaggcca	ggaacctgaa	120
tacgacctaa	tagctgtttc	cgagggggca	acttccacgg	agaaccttct	gccctggtaa	180
cggccaaaga	ggaggagatg	gcgccagtca	gggagcggcc	gtggcccaga	cagtgaggaa	240
gcgcgaaggc	ggagcaaccg	aggaatcctc	cggagaagaa	tcagagccgt	cgctaccgcc	300
actaccgcca	ccaccatgga	aggagcaaag	ccgacattgc	agctcgtgta	ccaggcagtg	360
caggcgcttt	accacgaccc	agatcccagc	ggaaaggagc	gcgcctcttt	ttggcttggg	420
gagctgcagc	gttcggttca	tgcatgggag	atctcagacc	agttgttaca	gatccggcag	480
gatgtggagt	catgctatct	tgctgcacag	accatgaaaa	tgaagattca	gacctcattt	540
tatgagctcc	ccacagactc	tcatgcctct	ttacgggact	cattgctaac	ccatatccag	600
aacttgaaa	acttgtcacc	tggtattgta	acgcagctgg	cttttagcaat	agcagatctt	660
gccctacaga	tgccttctct	gaagggatgt	gtgcaaacac	tggtggaaaa	atacagcaat	720
gatgtgactt	ctttgccttt	tttgcctggg	atccttacag	tgttacctga	agaagtacat	780
agtcgttcct	tacgaattgg	agctaatacg	cgcacagaaa	ttatagaaga	tttggccttc	840
tactctagta	cagtagtatc	tctattgatg	acctgtgtag	aaaaagcagg	aacagatgag	900
aaaatgctta	tgaaggtttt	tcgctgtttg	ggaagtgtgt	tttaacttgg	agttttggac	960
agtaacttca	tggctaacaa	taaattacta	gcactccttt	ttgaggtttt	gcaacaggat	1020
aagacctcgt	ctaacctaca	tgaagctgct	tcggactgtg	tatgctcagc	tctctatgcc	1080
attgagaatg	tggagactaa	cttgccatta	gccatgcaac	tttttcaggg	agtgtctgaca	1140
ttggagactg	cctatcatat	ggccgtggca	cgtgaagatt	tagacaaagt	tctgaattac	1200
tgccgtatct	tcactgaact	atgtgaaact	tttcttgaaa	aaattgtttg	tactccaggc	1260

caaggtcttg	gggaccttcg	aactctggag	ctgctgctta	tctgtgcagg	ccatcctcaa	1320
tatgaggtag	tagaaatttc	atttaacttt	tggtagcgac	tgggggaaca	tttgtacaaa	1380
actaacgatg	aagttattca	tggcatcttc	aaagcttaca	ttcagaggct	gcttcacgcc	1440
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cagcattcct	gcttctctgta	ccttggcagt	atccttgttg	atgaatatgg	catggaagaa	2460
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gccaccagggt	ttattcagcg	tagccctgtc	accttgctgc	ggagccaagt	ggtcatccct	2640
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atgaggtttc	tacgagacct	cattcataca	ggggtagcca	atgatcatga	agaagacttt	2760
gaattacgga	aagaactgat	tggacagggtg	atgaaccagc	ttggacagca	gcttgtcagc	2820
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ttaaaagggt	tgccaaagga	aacaaccgtg	ggagccgtca	cagtgcacac	caaacaactt	3000
acagacttcc	acaagcaagt	cactagtgtc	gaggaatgta	aacaagtttg	ctgggccttg	3060
cgagacttca	ccaggttgtt	tcgatagctc	acactctgct	actgtgcctg	tcaccagga	3120
atgtcttttt	taattagaag	acaggaagaa	aacaaaaacc	agactgtgtc	ccacaatcag	3180
aaacctccgt	tgtggcagag	gggccttcac	cgccaccagg	gtgtcccgcc	agacagggag	3240
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agcgcggatt	ttaaaaagat	ggctgtggcc	tgcccgcgct	ggtgggaggg	gagctgggtt	3360
cctggtgaac	tttctaaaag	gaaaaataat	tttaagtaaa	aaaaaaa		3407

<210> 7206

<211> 2759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (220)...(2759)

<223> similar to gi4929617 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7206

gtccggaatt gccgggtcga cgatttcgtg ttgaaggcga gagcttgctt ggcccgtgtc 60

gcttctgtcc	caagaaccgg	acggagagtg	agggcacgag	ggtcgctgtc	gggggctgtc	120
gtcttccacg	tacacgtcgt	cgtgaggagc	gcagtccgga	ctcttcccgc	aaccctccg	180
gctccctttc	cgcacgcctc	gaggcggcgg	cggccaccga	gacagcgcgc	gatgctggac	240
cagttgatgg	gcacctcccg	ggacggagat	acaactcgtc	aacgaatcaa	attcagtgat	300
gacagagtat	gcaagagtca	ccttctcaac	tgttgctcctc	atgatgtcct	ttctggaact	360
agaatggatc	ttggagaatg	tctgaaagtc	catgacctgg	ctttaagagc	ggattatgaa	420
attgcatcca	aagaacaaga	ttttttcttt	gaacttgatg	ccatggatca	tctgcagtca	480
ttcattgcag	attgtgatcg	tagaacagaa	gtggccaaga	aaagattagc	agaaactcaa	540
gaagagatta	gtgctgaagt	agcagcaaa	gcagaacgtg	ttcatgagtt	aaatgaagaa	600
attggtaaat	tgtagccaa	ggtggaacaa	ctaggagctg	aagggaatgt	ggaggaatcc	660
cagaaagtaa	tggatgaagt	agagaaagca	cgggcaaaga	aaagagaagc	agaggaagtt	720
tatcgggaatt	ctatgccagc	ttccagtttt	cagcagcaga	aacttcgagt	ctgtgaagtc	780
tgctctgcct	atttaggact	tcatgataat	gacagacgac	tggctgatca	ttttgggggt	840
aaactgcacc	tgggatttat	tgaataaaga	gagaagcttg	aagaattaaa	gagagtcgta	900
gctgagaagc	aggagaaaag	aaaccaggaa	cggctgaaac	gaagagaaga	gagagagaga	960
gaagaaaagg	agaagctgag	gaggtcccga	tcacacagca	agaatccaaa	aagatccagg	1020
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acatccatag	tttctggtga	acctgtaata	cagttctgaa	agtacagttt	tatataataa	1620
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gttatgaatt	actagctgat	tacagttcag	agcattgata	ctggaatgtg	tgctggagaa	1920
atttaaaata	ctggggtttt	ttgtttaatg	gtgcctattt	agagttggaa	gttgaacagc	1980
tgttgcatta	catacttttg	cttttttatt	gaaattttga	aatcaaactg	cttgattttt	2040
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gtaataagca	cttgttttat	tttgtgtgtg	tggagtataa	aggctacacc	cttattgtaa	2160
aaaaataata	ataataaaat	gaaagaaaca	atcaccacca	ccattattaa	actgtaactt	2220
gtctagtaaa	ttgtcactag	aactatttgc	tgtgggcatt	tcctctattc	tgttacgtca	2280
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ttcaacaaac	ccaaataaaa	acagtatatg	taaccaacat	aatgagactt	aagtttctgc	2520
cttgaagagt	tgtatatccg	ttagtaactt	aaactgtaat	tggcagggtat	cacttgatgat	2580
tctggaaatt	ctgaggaaca	cagatttcctt	aagtaatgaa	attagtatct	gtgggtatca	2640
ttaactaagg	tcacctttca	agaactgtta	atgtcctttg	cccccaagtt	tgacagattt	2700
gatgtcagag	gcattgtggc	ctctgtgaag	gtgctgagag	aatgggaaac	taaggccat	2759

<210> 7207  
 <211> 2828  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (138)...(1913)  
 <223> similar to gi30293 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7207

tttcgtgcct	ccgtgaaaga	ctgccggg	catgcggtcg	gggttggttca	ctggctgtcc	60
ggggctccgc	gcgcgtcgcc	ggcccagctc	tgctcgctgac	gggaggatct	gaagccggcc	120
gcaggtcaaa	gagtaaaatg	aagtacattc	tggttactgg	tggtgttata	tcaggaattg	180
gaaaaggaat	cattgccagc	agtgtgggca	caatactcaa	gtcatgtggt	ttacatgtaa	240
cttcaatcaa	aattgacccc	tacattaaca	ttgatgcagg	aacattctct	ccttatgagc	300
atgggtgaggt	ttttgtgctg	gatgatgggtg	gggaagtaga	ccttgacctg	ggtaactatg	360
agcgggttcct	tgacatccgc	ctcaccaagg	acaataatct	gacctgga	aagatatacc	420
agtatgtcat	taacaaggaa	cggaaaggag	attacttggg	gaaaactgtc	caagttgtcc	480
ctcatatcac	agatgcaatc	caggagtggg	tgatgagaca	ggcgtaata	cctgtagatg	540
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aaagcatgcc	ctttattgag	gccttccgtc	agttccaatt	caaggtcaaa	agagagaact	660
tttgtaacat	ccacgtcagt	ctagttcccc	agccaagttc	aacaggggaa	cagaagacta	720
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atgttgagcc	tgaacaagtg	atctgtgtcc	acgatgtctc	atccatctac	cgagtcccct	900
tggttgtaga	ggagcaaggg	gttgtagatt	attttcttcg	aagacttgac	cttcctattg	960
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cctctgtcat	taaggctctg	gagcattctg	cactggccat	caaccacaaa	ttggaaatca	1140
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gatggcaaga	tgccaattct	acagagtttg	accctacgac	cagtcatccc	gtggtcgtag	1440
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ccctgttcca	gaccaagaac	tcagtcatga	ggaaactcta	tgagagcgca	gactacttgg	1560
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ctcggttttg	gagactttct	ttaaattatg	ttttatttaa	gattatttta	ttatgcggaa	2040
aggtattttg	gaaacttgtc	acttgcattg	cccatcacgt	gtactggctc	ctctgtgggtg	2100
tctgcctgtt	gcgtgacact	ctccttgca	ttcttgagtt	gcggcagaa	atcgcgatgg	2160
gaaccgatgg	tgggtggggc	tgacagatgc	cccatcggtc	accttgtttc	tcaactacct	2220
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aagggaagg	cagtttggtg	tcaacatgaa	acaccaagat	gtctgtctct	gaagcgtgat	2520
tttaaaatcc	ccatgcctgt	ggctgcgctt	cctatttcta	gggctgggaa	acactccttg	2580
catcaagggg	tactttacag	aacaaagaat	cttttgggg	aaacttcctc	taaaaccttc	2640
tcatatatag	acagctttga	ctggagggtc	catttttctt	ccaggatggg	gttactgcag	2700
ttgaaagggc	aatatgaagt	tactttctta	atgtgacctc	gcaataggca	tagctacgtg	2760
gcactatatt	ctggccagac	tcgatgtgta	ctctaactta	agaaataaat	cagtaaggca	2820
gaacaaga						2828

09400735-013100

<210> 7208  
 <211> 869  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (170)...(802)  
 <223> similar to gi3355533 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7208  
 ggcacgaggt cttaatgact aacacacctc taacatttca cctctagctc agatgagaga 60  
 gagaatggga cttcttggtta ctgattgttt ttcccatgcc tcaattgggt tcttttaggg 120  
 agctacaaat ttacgggttc actggtgatt gatcttttca tccagcacia tggacagaag 180  
 tctaaggaac gtccttggtg tttccttttg gttcctgctt ctctttacag cctatggagg 240  
 tctgcagagc ctgcagagca gcctgtacag cgaggagggc ctgggtgtca cagcgtcag 300  
 caccctctat ggaggcatgc tcctgtcctc catgttctc ccaccgctcc tcatcgagag 360  
 gctgggctgc aaggggacca tcatcctctc catgtgtggc tacgtggcct tctccgtggg 420  
 caacttcttc gccagctggt acactttgat cccacacctc atactgctgg gactcggggc 480  
 cgccccgtg tggctctgcac agtgcacata cctcacgatc acgggaaaca cacatgcaga 540  
 gaaggcggga aagcgtggca aagacatggt gaaccagtat tttggcatct tcttcctcat 600  
 attccagtca tccgggtgtg ggggcaactt gatctcatcg ctggtatttg gccagactcc 660  
 cagccaagag acccttccag aagagcagct cagctcctgt ggggccagtg actgcctgat 720  
 ggccaccaca accaccaaca gcaccagag gccctcccag cagctggtct acaccctcct 780  
 gggcatctac actgggagtg gtgtcctggc tgtcctgatg atagctgcgt tcctccaacc 840  
 catacgagat gttcagcggg aaagtgaag 869

<210> 7209  
 <211> 3677  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3587)...(1476)  
 <223> similar to gi296366 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7209  
 ttctaattt tcagatcaag cttcacagca aatattaaag attatttaa tttgaagtcg 60  
 atgttttggg aaatcagata taaaagtgtt ggtactgtgt ttgaccccca cgttttttgg 120  
 tataacttatt tggtagaagg ttctttacat tctgatctag caaataatg aacaccact 180

tgctggtaga	cacagctgag	cgccccgact	tcaagtggaa	gtttatctga	gcccagatct	240
cagtagccag	accccgctcc	tgccccctga	agggagagca	tttgggggtg	agtcctttca	300
aagaagagcc	aatgcattag	taatttggtc	ttcaggcctg	acagaagctt	agcttccaaa	360
tacaaacaaa	cagcacttaa	aataatttta	gcaaggcacg	aagtaccaat	tactaccac	420
ctccatctga	taattgtcag	catcgattca	actcggtgca	cggtctctgc	ttctgcttcc	480
cagcaaagtc	tgaaatgtat	tccaaggatt	tcagaaccaa	atgaaaatgc	agctgctgtg	540
atcttttagta	acctcattct	ctgttgaggag	agctcactta	ctcttcaact	taatggcaga	600
ctgtgatcgc	taactgcata	tggcacaaaa	acatgatcat	tatttttagc	ttcttttgct	660
taattggaaa	cttgcttcac	aaaaaacaca	aaaaggctac	gctgggtctc	agctgatgag	720
ctcgtggcgg	ccctgtgctt	gatgagggcg	gtgaggcagc	ccaagctcct	tgtgactgcc	780
ctggcttggtg	caatggggaa	gggaccaggc	agcgcgctca	tcctcaaaac	aaacaaaaac	840
agtggagaca	gcacccccgg	ccaaccagga	agcttcaggg	tgacctccag	gggagtcagc	900
caccaacagt	acaccacat	agagacacag	caggaaaggg	attgccaaaa	tctgcatttg	960
cagtctctgg	tccttaggaa	gttttgaaaa	tcagcaccag	gagtgagggc	ctcacttcta	1020
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gaactgactg	acatttatat	caatctctta	aaaggatcac	aaagaaatgc	tggtagtcta	1140
ctggcagagc	ctggtgcct	atgtgtacat	tgtcttcatt	caaagaaagg	gcaaactaat	1200
atttagacaa	atgctcagtt	ttattgattt	aattttgaca	ctagggaatc	tcacagcaga	1260
agtacaaatc	atatgtacaa	gtatttatat	caatgaaaat	ttccattggt	gatttttttg	1320
cagaatattg	gtcttgactc	tgtggaataa	atgacgacgt	aaacgtagct	gcacaggggt	1380
gttcctgtat	aatgcttgaa	tcaatttgtt	gtgaaagcat	catgcaaattg	gctaattaaa	1440
ttgggtgatg	actgaaaggt	tataaatcct	tcattccagc	tcacagagca	gatccccctc	1500
tccaactgtg	tctccagctt	gacagtgcac	agatttcacc	gtgccagttt	tcccagctgt	1560
catactattc	tgcattttca	tggcttcaat	cacacaaatt	tcttgacctt	ctgctaccgc	1620
gtctccaggc	ttgacagaga	cggccaccac	cactccgggc	atcggggaac	gcagaacact	1680
gcttggtgcc	tcagtcactt	tttccagcat	aaatttggtc	aattctgcgg	caagtctggt	1740
taagatattc	accttgtaca	ctgtaccaag	aaactgaatg	ctcatgtttc	cacctgcttc	1800
tcgagaaaga	cactggacag	tctctgagt	gccatcaacg	ctgacagaca	ataagggcga	1860
agccagggtc	cacgtgctgg	tcacatttag	tttcgaccca	tcaacttcca	ccgagaacac	1920
tgacccattg	tttgatgcta	ctacggtagt	aactttatca	tgcaatttta	ctgagagctc	1980
ccagttggct	atgtctgggt	taataacagg	cattcttgaa	ttttcttgaa	aatgttgtgc	2040
tcttaactgg	aatgccacaa	acaatgatga	tgctattgcc	aataactggt	tcttctcact	2100
cttggttagc	atgtgtcctt	tgaagccatc	aggatacaca	tcggagagaa	atttagtgct	2160
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tctatcagag	ccatatgtga	ttagttttga	aatcatagga	tcataataaa	tgctaataatc	2340
acttctggt	tggatgccac	tgtccactcg	gacaccaggt	agatgtaacg	gttcttggtg	2400
ctgagacaat	ctcccaatag	atggtaaacc	aaaagacttg	taggggtcct	cagcataaac	2460
ccgacattca	actgcccagc	cgttgatgcg	aatatcagct	tgtttggtgc	tgagagggta	2520
gcccttagca	acacggatca	tttctgggac	taggtccagg	ccagtaatgc	attctgtgac	2580
aggatgctca	acctggagtc	ttgtattcat	ttccaagaaa	taaaaattct	tcttagagtc	2640
cacaaggaac	tccacggctc	cagcagagga	atattttact	gctctggcaa	gagctacagc	2700
ttgttctccc	atcgtctctc	gagtctccgc	atccaaaaaa	atgcttggtg	cttctctcac	2760
caccttctga	tttcttctct	gaattgagca	ctctctttca	ttaagccata	aagcattccc	2820
atgtttatca	cctagaacct	ggatttctat	atgacgagga	ttatcaataa	atttttctat	2880
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cttgatcatg	acagggtagc	caatttccct	tgcaattctg	acagcttctt	ctgcattcct	3060
gactactcca	tcaaagccag	ggattgtatt	aacctctgct	ttcttagcta	ataatttgct	3120
ttcaatcttg	tcgcccattg	cttgaatagc	atgtgtgtca	ggtccaatga	aaacgacatc	3180
ttctgctgcc	aaacatctgg	caaattcttt	gttttctgaa	aggaatccat	aacctggatg	3240
tacagcttgg	gccctggttt	tcttaatggc	ttccatgatg	gcatccatgt	tgaggtagct	3300
tttactgggtg	ggagctgggc	caacacagac	agcctcatcc	gccattttca	catgaacaga	3360
actagcatca	acatcactgt	ggatggcaac	tgtcttaattg	cccatcttct	tgcaagttct	3420
aataaccoga	catgcaattt	ctcctctatt	agcaacaaga	attttatcaa	aagttttttc	3480
attaggatca	tatccactg	aaccaagatt	acgggacacc	attaagcact	gtcttgaata	3540
gtacagaaca	tgcttcaggg	tccgcagcgc	cgcgctcagc	atcagctgct	gcggcggcca	3600

```
ccgcccacgc cgcccggcag cgaccagcgg tgctgtcccg acccagaacc ccgccattgt 3660
tgtccccgca acgaaaag 3677
```

```
<210> 7210
<211> 4079
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (52)...(2655)
<223> similar to gi5817200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 7210
cactccacac gagaaaacct gaatgctggc aactttaact tcccttctga aggacatctg 60
gtacgaagca ctggtcccgg cgggagcttt gccaaagcaca tggtagccca gtgtgtctca 120
ccaaaggggac ctcttgcttg ttccgagaaca tacttttttg gagctactca tgttccttac 180
ttgggtggtg acagcaagct gcccaagaaa actgaacaaa ttaggctatt gtcccagata 240
tatgctgctg ttattgaggc tgttttggct ggcatgcat gttatgctaa aacttccagt 300
ctaacaaagg ccaaggaggt agcagagcaa actctgggat ctgggttaga ttcttttgag 360
ttgattccgt ttaaggcagc cctgcgctcc aagatgactt ttcatataca tgctgtgaat 420
aatcagggaa gaattgtacc gctggacagt gaagatagct tatcctttgt gaagacggct 480
tgtatggccg tctatgacat tcctgactta ctgggaggca atggttggtt aggatctgtg 540
gttttctctg aatcattttt gacttctcag atcttagtta aagaaaagga tggcactgtt 600
accacagaaa ccagctccgt agtccctgact gctgctgtac ccagattctg ctccctggctg 660
gtggaagata atgaagtaaa attgtctgag aaaacccacc aagcagtgag ggggggatgag 720
tctttcctgg gcacttatct aacaggagga gaaggagcat atctttattc cagcaatcta 780
cagtcctggc ctgaggaagg gaatgttcat ttcttctcta gtggccttct gttttctcac 840
tgtcgtcatg gaagtatcat catttccaag gatcacatga attccatttc cttctatgat 900
ggggattcca ccagtactgt tgctgctctt ctcatagact tcaaaagctc attgcttcct 960
cacctcccag ttcatttcca tggatcaagc aattttctga tgattgccct tttcccaaaa 1020
tcgaagatat accaagcatt ttactcagag gtcttctccc tctggaaaca gcaggataac 1080
tcagggatct ctttaaaagt gatccaggaa gatggattat ctgtggaaca aaagagattg 1140
cactccagtg cacagaagct cttcagtgcc ctgagccagc ctgctgggga gaaacggagt 1200
tccctaaagt tactctcagc caaactccca gagctggact ggtttctcca gcatttcgcc 1260
atcagcagca ttagccagga gcctgtgatg cggaccatc ttctgtgtgt gctgcagcaa 1320
gctgaaatca acactactca cagaatagaa agtgacaagg taattatcag cattgtaacc 1380
ggcctcccag gctgtcacgc tagcgagctc tgtgcttttc tggtcactct gcataaggaa 1440
tgtggcagat ggatggtgta tcgccaatc atggacagct ctgaatgttt tcatgctgca 1500
cacttccaga gataccttcc cagtgcctta gaggccagc agaaccgctc tgccgcgccag 1560
tcagcctaca tccgcaagaa gaccagactg ctggtggtgt tacaaggcta cacagatggt 1620
attgatgttg tccaggccct gcagaccac ccagactcaa atgtcaaggc ctccctcacc 1680
attggtgcca tcacagcatg tgtggagccc atgagctgct acatggagca cagatttctc 1740
tttctaaat gtcttgacca gtgttcacaa ggctgtgtga gtaacgtggg attcaccagt 1800
cacaccacgg agcagcggca cctctcctt gttcagctgc agagcctcat cagggtgcc 1860
aatcctgctg cagccttcat tcttcagaaa aatgggattg tcaccaggaa tgaagacatt 1920
gagctgattc tctcagaaaa cagtttttca agtccctgaga tgctacgata tcgatattta 1980
atgtatcctg gctgggtatga aggtaaattg aatgctggat cagtctatcc cctaattggt 2040
cagatctgcg tatgggttgg ccgtcccttg gagaagactc gctttgtggc caaatgtaaa 2100
```

```

gcaattcagt cctccatcaa gccaaagtccc ttctccggaa acatctacca catcctgggc 2160
aaagtgaagt tttcagactc tgagaggacc atggaggtct gctacaacac actggccaac 2220
tccttgagca tcatgccagt tttggaagga cccacaccac caccagactc caaaagcgta 2280
tctcaagaca gcagcgggca gcaggagtgc taccttggtg tcatcggctg ctccctgaag 2340
gaagacagca tcaaggactg gctgcggcag tcagctaagc agaagcctca gaggaaagcc 2400
ctgaagacca ggggggatgct gacgcaacag gagatcagga gcatccacgt aaaacgccac 2460
ttggaacccc tacctgcagg ctacttttat aatggcaccc aatttggtta cttctttggt 2520
gacaaaactg attttcaccc actcatggac cagttcatga atgactacgt ggaagaagcc 2580
aaccgggaaa ttgagaagta taaccaggag ctggaacagc aggagtatca tgacctcttt 2640
gagctgaagc cctagaggaa ggctgggccc gtacgtcctg cagaatgtcc accttggaag 2700
tggacgaacg ggtgtcttaa cctcagctct cctggaggcc tctcccttaa ggggctgtct 2760
ttgttctcct tggcctgtgt gggctggcct gagtgcattg tgtctttatt cctgtatag 2820
cgctgaagag catcacctgc accattgatt ttgggggtcg ggggaatact caaggatgag 2880
cagatggggc ctgcccgtct acgtgtgcaa ctggcagtc aggagctctg ggtttctgat 2940
aacaggatct cctttgggct cttgagggtg gggagaagca ttaggattac acagaggagc 3000
tactgggact tagaaggaac cctggctgcc tgaactgtgg ccgtgtctgg gaggcgaggc 3060
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gagatgaatg atgtgttcac aaatgagggg atttcccttc tggactaaac tgaaggagag 3300
gcttggtgct ttccagaggt gtgtggctct taagttgaca tcagcttttc cccttggtgg 3360
tggttcttta gctctcctgt cacaccattc ggggtgtccta atgtaggagc aagagcaagc 3420
ctgctgctca ggccccctgg cgaggcttca cctcactgtg gaagggggcg tcctgcagct 3480
ggttagtctt aggcctggtg gctgatcact tgtgggggtc gtctccagca cccagcgctc 3540
ccacaagcct tgccaaggaa ggcctgcttt tcagccacaa acttcaggaa actcatcccc 3600
ccgtcccca aagtgttgtt gctggccctg ggcttggtg gtcctgagg attgggaatt 3660
tcaaataatt gcaatacctg agttagaatt ccttctaata gcatcgtttt aagctggacc 3720
ataaagcaga ggggaattac aagtgtgtcc catgcctgac cttcataatt ggtgtggggg 3780
acaggggagt cacagccact gatatttagg tgatgtctct taggacttca gtgcctcagc 3840
tgccctgaat gtaaatgttt tctgaatttc acataatttt ttttgcatgc cttaggaaga 3900
agcacatagg taaaaccagc agtttccagt aatatagggg gtttttgagc aaggcccctg 3960
gagcagcgga gagacaagat ggagcacatg tagtctgtgt gcctggtcac acagaggcct 4020
gcatgcaagt agcaaagcag ctctcaaggg cttgtcagta aaatatatta aaaaaaaaa 4079

```

```

<210> 7211
<211> 1839
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (182)...(1100)
<223> similar to gil200232 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7211
atggaacgct gtggtatcga accgcagttg cagggtcgac ccacgcgtcc gcggacgcgt 60
gggggggtgc ggaggtgtgc agcgcgtgtg cagactggct cgcaggcggc gcggccggcg 120
gaccggttcg agacagcgcg ggcggctcgg gtcccctggg gctccgcagc aggaggacgc 180
catggacgac aaggagttaa ttgaatactt taagtctcag atgaaagaag atcctgacat 240

```

```

ggcctcagca gtggctgcc tccggacgtt gctggagttc ttgaagagag ataaagggga 300
gacaatccag ggtctgaggg cgaatctcac cagtgccata gaaaccctgt gtggtgtgga 360
ctcctctgtg gcagtgtcct ctggcgggga gctcttcctc cgcttcatca gtcttgcttc 420
cctggaatac tccgattact ccaaatgtaa aaagatcatg attgagcggg gagaactttt 480
tctcaggaga atatcactgt caagaaacaa aattgcagat ctgtgccata ctttcatcaa 540
agatggagcg acaatattga ctcacgccta ctccagagtg gtcctgagag tcctggaagc 600
agccgtggcg gccagaagc gatttagtgt atacgtcaca gagtcacagc ctgatttgtc 660
aggtaagaaa atggccaaag ccctctgcc cctcaacgtc cctgtcactg tgggtgctaga 720
tgctgctgtc ggctacatca tggagaaagc agatcttgct atagttgggt ctgaaggagt 780
tggtgaaaac ggaggaatta ttaacaagat tggaaaccaac cagatggctg tgtgtgccaa 840
agcacagaac aaacctttct atgtggttgc agaaagtttc aagtttgtcc ggctctttcc 900
actaaaccag caagacgtcc cagataagtt taagtataag gcagacactc tcaaggctgc 960
gcagactgga caagacctca aagaggagca tccgtgggtc gactacactg ccccttcctt 1020
aatcactctg ctgtttacag acctggggtg gctgacaccc tcagcagtca gcgatgagct 1080
catcaagctc tatctgtaac ctgtgagccc tttcctgcc aggtgcagct tacgtagtgt 1140
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atgaagatgt atggagtaag gacttaaaat catacatctt ggagaacctt tcttactcat 1260
ttcagtgcca tctaaaaatg tgtcagctat tctaaatccc aacttaaatt gttcttacgg 1320
tttctagaaa ctttcctttt cagtttccag aaatacaagt tagataattg gctacttaac 1380
tgatgaaaga tgagcccaag tccacctgtc ttcacctccc cctgcactcc agactgatct 1440
gcctaaagca cgcgagatgc aggcgaaaag cagccacacc cctctgccac aaatgaccaa 1500
cagctgggtc ggacgttaca cgcggtgcct tgtaagaggc aagaaacact tgccgaatct 1560
gcatctggct tccagtggta agcacattcc tcagcaggat caagccaaac agtaaaaact 1620
accaagagaa cacgaggaag gcagaaacga tgttttagcaa cagtattctg catgggtcac 1680
tgcttaagaa aatgccttct ggaatatattg taaactgaaa ttctgtatgt gtaagagatg 1740
tttaaatatg tttgggtcct aaacagcttt ttaaaattat acttggaat aaattcagca 1800
tcttttcaaa taaactctat gaaagacgca aaaaaaaaa 1839

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<210> 7212
<211> 573
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (238)...(421)
<223> similar to gi31435 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7212
ggcacgaggg ggcgtaagac ggggagagtg gcagctccga gtacacggag aagaactgga 60
aacatgcaaa aactccaaac acgggtccct gccatgtccc tgtctgacct aggcctgggg 120
taccacccca cgtgctggac cctacgtgtg ccacccctgt gctccctcca cgccctccac 180
gtgttccact gcctcttctc ttctcgtttg ggaactccag tctcacctcg gcttgcaatg 240
gaccccaact gctcctgcga ggctgggtggc tcttgccgct gcgcgggtc ctgcaagtgc 300
aaaaagtgca aatgcacctc ctgcaagaag agctgctgct cctgttgccc cctgggctgt 360
gccagtgtg cccagggtcg catctgcaaa ggggcgtcag agaagtgcag ctgctgtgcc 420
tgatgtcggg acagccctgc tgtcagatga aaacagaatg acacgtaaaa tccaggattt 480
ttttttttct acaactccga ctcatgtgt acattccttt ttttctgtga aatatgtgaa 540
taataattaa acacttagac ttgaaaaaaa aaa 573

```

<210> 7213  
 <211> 6411  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6408)...(0)  
 <223> similar to gi5689369 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7213

ttgcgaagat	gatgatatgg	ccaagccaag	gaagggaacc	tacagtgaag	agtacaggtg	60
tctctgatct	acatatccaa	gaactgcaag	aaaaatgtcc	agatgggcat	cagataccta	120
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cagccatggc	tggcggtctc	agaatgctct	ctgccagcac	tggagtagtt	actgctggaa	3720
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cataagctga	catcatggag	cgttcataag	ctgacatcat	agagcgctca	gccatagggg	4560
acatcataga	gcgctcgtag	gctgacatca	tagagcgctc	gtaggctgac	atcatagagc	4620
gttcagccat	aggggacatc	atagaccgct	cataagacat	catagagcgt	tcgtaagatg	4680
acatcatgga	acgttctgca	gcataaggaca	tcacatcata	acgtctagat	gctaacatca	4740
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tggagctggg	tgctaacatc	tgggagtcca	tggagctggg	tgctaacatc	tgggagtcca	5340
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tggagctagt	tgctaacatc	tgggagtcca	tgggtgctaga	cgctaacatc	tgggagtcca	5460
tgggtgttga	tgctagcatc	tgggagtcca	tgggtgttga	cgctagcatt	tgggagtcca	5520
tgggtattga	tgctaataata	tgggtctcca	tgggtgttga	agctaataata	tgggattctg	5580
gggccatcaa	gggatccact	cctactgtta	cagaagtctc	ccccactaat	gtagtaggca	5640



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gctcctgtgc tacctgatta taggattcca gcgctgtcgt cgagggcacc tccagggact 5700
gcgacacggg catcgttgac agctccgatg ttgtcaccac agactgaaca gagatctcca 5760
gcgccacagt tgccacaggc tgcccaggca actctggcgc cccaggctgc cctggcaact 5820
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```

<210> 7214
<211> 798
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (152)...(764)
<223> similar to gi23691 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7214
aggccccac aggatgccgc tgtacctctt gaaagtgcag gctccgtagg acccaggggc 60
gagggagggg ttgctcccc aggggcagaa agcgtgtcc cgctgtacag aatcagcttc 120
agctacgggc tcctccaagc ggctgccgaa gatggcggag gtgcaggctc tgggtgcttga 180
tggtcgaggc catctcctgg gccgcctggc ggccatcgtg gctaaacagg tactgctggg 240
ccggaagggtg gtggtcgtag gctgtgaagg catcaacatt tctggcaatt tctacagaaa 300
caagttgaag tacctggctt tcctccgcaa gcggatgaac accaaccctt cccgaggccc 360
ctaccacttc cgggccccca gccgcacctt ctggcggacc gtgcgaggta tgctgcccc 420
caaaaccaag cgaggccagg ccgctctgga ccgtctcaag gtgtttgacg gcatccacc 480
gccctacgac aagaaaaagc ggatgggtgg ttctgtgtgc ctcaaggctc tgctgtctgaa 540
gcctacaaga aagtttgctt atctggggcg cctggctcac gaggttggct ggaagtacca 600
ggcagtgaca gccaccctgg aggagaagag gaaagagaaa gccaatatcc actaccgaa 660
gaagaaacag ctcatgaggc tacggaaaac ggccgagaag aacgtggaga agaaaattga 720
caaatacaca gaggtcctca agaccacagg actcctggtc tgagcccaat aaagactgtt 780
aatcctcaa aaaaaaaa 798

```

```

<210> 7215
<211> 1772
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1638)...(301)  
 <223> similar to gi4868366 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7215

tttttttttt	ttacatctga	atgtatttta	atataaaaaat	aacagctttc	ccccaattct	60
cgctctagga	aaatgtgcta	tgctcacctt	ccctctaccc	ctgtcccatc	aggcccagag	120
ccaaggccat	aggggtgctg	aatacacatg	tgagggggcc	gaggggaaga	caacagtacc	180
aggagggcag	gcaggggacc	cccaggctgg	ccagtggagg	ggtgggggta	tcgatcccgc	240
cgggggctgg	cttggttgct	ggtgccctga	gcccttctct	gcccgcctgg	gtgttgctt	300
cactgatgga	ggtaggcgtc	cagccagatg	tcaccagact	tcttcaggga	cctgacgatg	360
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gacttgacca	gcggggccac	ccggctgtag	ttgtgtctcg	gcatcctggg	gaagaggtgg	480
tgctcgatct	ggaagttgag	gtgcccgtg	aaccagttgg	tgaaaagtga	gggctccacg	540
ttgcaggtgg	ctgccagctg	agagctgacc	cagtcccgtg	gcttctcgtg	gccgatctcc	600
ttggggatgt	ggttcatctg	tgtgatccac	acgaaccagt	ggctttccag	gaccctgaca	660
gcaacaaaga	agagcagcac	cccagggacg	ccgtagaagg	ggaggtagga	taagaagaag	720
cgggcataga	agctggcggc	ccagagcaaa	tccgcccact	gcatgcacac	cagcatgtac	780
gccagatttt	ccacttcaaa	gttcaccagg	gtgagcagcg	gcggggccgat	caggaagaag	840
tacaggtgct	gctggttgta	gggtaggtat	ctgcgtttct	tcttgccata	ctcgacggat	900
gactcccca	ggaggaagac	gggcgccacc	gtcacgtctg	ggtctttgtg	gaagatgttg	960
ggcttggcgt	ggtgctggaa	gtggcggaag	ttccaccagt	gggcggagaa	gcccttttagc	1020
tgcccatca	cgaacttctg	ggccacgtgg	ttccaccagg	acttcttgaa	gatggaggca	1080
tggccaggt	catgctgcag	acaccaggac	tgagcctgag	agatggccag	gatgaaggcg	1140
gccagggcac	tgggcaccca	gccaggaccc	aggaggtaga	taaggagcca	ggccagcacc	1200
tccatggcca	ggatgtggcc	cagtaggaaa	gcaaagaagg	tgggactggc	atcaaacagc	1260
ttcatgtcct	cggtgcctg	gtgcagggct	cggaagtcc	cgaccagctg	cgatttcagg	1320
ggtccatcct	ggctgggttc	ttccggagcc	agctctccaa	tcaacagggg	ctgtaggaac	1380
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tagacgcggc	gctcgatgac	cagccacttg	tcgccgggct	ggtcgtgcgc	gcggatctgc	1560
tcccagcaga	aggtgggcag	cggtgcccc	ggctgcgcgg	gtccctcccg	cggtcccggc	1620
tcccgcagcg	cgcccatgct	gcacgcacga	gtcctgggga	tcccaggcgg	tggccgaggt	1680
ccgagcaaga	ccccgaggga	agcgaagagc	gctcccgggc	gccgcctccg	ccgccgccc	1740
ctgctccggc	cccgcctgc	cgccgcggcc	gc			1772

<210> 7216  
 <211> 1730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1636)...(497)  
 <223> similar to gi3419847 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7216
tttttttttt tatttttaaaa gtgcacatat tttattgaaa gatatccagt ttcagctttg      60
aagatatagg ctcaaagtct gttcttggct cttccagaaa ttctgcttct agagtgttca      120
taatttcaac caaaacttag aaagtttttc taaaatcaga cttttcaacc tgctgaacag      180
aactcatgtc tatacttcga tgtttaattt tggcagcatt tgtctctgtg aagcatatcc      240
aaaatcactc aaaacatcaa aactgctgat ctgatagaat gattttatttt cccattacag      300
gtaagtcatg aatggccttg tctgagggtat gtttctgagc tatgaaggac acctactaga      360
aagctccaca cttgaagggt tctcttaagg tggtaacatt ttatggctgg acagtctctg      420
caggtaccag attccccgtt gtatccaact gcatacatTT acacgtgcat gcagacacag      480
ggcactctgc atggtccctg aaccaactaa gcatatgtcc agcatgtcca cctgtgcctgc      540
aattatgaca ccatgtaaac cagttgttaa attgggctaa ttttttgtcc ttgtcaagt      600
ccactttttc atctgatttg gttcctccag gacagctaga aactggtgtt cccatattaa      660
tgagacaaaag cgcacatcga ggaagtgggt ttcgacagcc aggacaactt gtgactttag      720
atttcgttgg tgagccactc acaccatact gactaaaacc tctgccctga tgaggcacag      780
ctgaacagct gtaggagatt gacttgccac agaaattgca actcacaaaa acttgtgcta      840
aaggcttgga actgggatcc aacttactcc tgtgaatatc aaattcagct cgtttatgcc      900
aaaacctcca ggcatctaataaatttctat aattctcaat ccagtactga accctttcat      960
ctttaagaac atctaaagggt gaaccctgta acatacagta acttgctgtt tgaacatctc     1020
cagttctatc aacataactc tccattaagt ccactccatc tttagtaagg cctgtaagca     1080
aaattccttc caaatttcca gcctctttca tttcattgggt caacttttcg atgtatctat     1140
ttaactgagt atcactaagg aattttacaag caaatgccac tctgtcacgt actgcaactt     1200
tgttttcata caaaactcca tcgtaagatc ctggttccact tgtcagaaat gcaaacatga     1260
cacacaaata cgggttatTT agctgtaatc gcagtgtgct acacatttct ctccaaaggg     1320
agttcttctc atccgtataa cccgataaag ccattgctac cacattgaga ttcagatctc     1380
ctttttcaga agatgccctt catttcagga tttggattgc tcggcgaata tccaagttga     1440
acaatgccac agcagcagct ctttcccatt ccccttcttg tacaaggagg ttcaaaaatg     1500
gccccacgtc tacatccgtt cttttcttta tccaccaca agctgtaaa gctaagattc     1560
tctcttcatt taaattttga atatcacttt gcttatccaa cccactccaa ttatgtctgc     1620
tgctttccac cattcccaac gatgacttta caattgattt aattcctgca taaaccaatg     1680
atcctttgtt gcctggagat ttgtgatcca tatcttctcg gacgcgtggg     1730

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<210> 7217
<211> 595
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (148)...(596)
<223> similar to gi5911843 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7217
cagaacacaa ctgccagtgg gtgtgagctc atgcacactg agatgcaggc cctgcgtgcc      60
gactggaagc agtggaaga cagtgtattc caaacgcaga gctgtttgga gaacctggtc     120
agccagatgg ccctttcgga gcaggaattc tcaggccaag tggctcaact ggagcaggcc     180
ctggaacagt tcagtgcctt tctgaaaacc tgggctcagc agttaaccct cctggaaggc     240
aagaacacgg atgaggagat agtggaatgc tggcacaaag gacaagagat actggatgct     300

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ttgcaaaaag	cagagcctag	aacagaggat	ctcaagtctc	agctgaatga	actttgtcga	360
ttttccagag	acctgagtag	ctacagtggg	aaagtttctg	gcttgattaa	agagtataat	420
tgtctttgtt	tgcaagcatc	caagggctgc	cagaataaag	aacagatttt	acagcaaaga	480
tttcgaaagg	ccttcaggga	tttccagcag	tggttgggta	atgcaaaaat	cactaccgcc	540
aagtgttttg	atatacctca	aaatataagt	gaagtttcaa	ctagtcttca	gaaaa	595

<210> 7218  
 <211> 2329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2330)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (505)...(1055)  
 <223> similar to gi4768673 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7218						
ccggaanaac	cgggtcgagg	atttcgtcgg	gcgagtctcc	gccccgcctt	tgcagctagg	60
ggtgtgtttc	aggggggatt	ggggcaagcc	aagcaggcga	ggaccggggc	ctgtgccgct	120
ttgcctaccc	ctcatccctc	ggcaccaagg	ctacttgagc	cccagggtgt	tttttccttg	180
ttcccgccac	ctcctgggtc	ctggcccaac	atgatactga	ccaaagctca	gtacgacgag	240
atagcccagt	gcctagtgtc	tgtgccgcct	accaggcaga	gcctgaggaa	gctgaagcag	300
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tcacagagac	ccagcattgc	attaccatcg	tgggaataatc	tagcgcaaac	ctaggaaagc	1560
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004935 04100

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ttgaacacca	catattttag	atztatctta	tttgaaagta	ttagttccat	tgtgcctgga	1800
aaccacactc	cttttagattg	ggggccgaga	ggcgacaacc	caacattgag	gagagtttat	1860
ttttaaacat	ggctagttgt	cagtatgtac	gtgagctagt	atttttatga	gtcgagtttt	1920
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atcagtaagt	taataataaa	cctatctttc	gggaagttga	atattaatct	gtacccaaaa	2220
cgtatttagt	aaaatatattg	ccccgccac	cctgccatgc	tgacataaca	actttttataa	2280
tgttgaatag	atgatatggg	aaatactaata	aacaacaatg	taattttttg		2329

<210> 7219  
 <211> 1262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (452)...(1075)  
 <223> similar to gi3879938 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7219		
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ccaggctcag	atgtcacagg ttaaaaaaag tccttcatga aaaagaaaga tcttaagcag 180	
catgatggat	tcagaagctc atgaaaagag gccaccaata ctaacatctt caaaacaaga 240	
tatatcaoct	catattacaa atgttggtga gatgaagcat tacttgtgtg gctgctgtgc 300	
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gtatcgtgga	atccttcccc cattgatgca gaagacaact acgcttgac ttatgtttgg 480	
tctgtatgag	gattttatcct gccttctcca caagcatgtc agtgctccag agtttgcaac 540	
cagtggcgtg	gcggcagtg cttgcagggac aacagaagca attttcactc cactggaaag 600	
agttcagaca	ttgcttcaag accacaagca tcatgacaaa ttaccaaca cttaccaggc 660	
tttcaaggca	ctgaaatgtc atggaattgg agagtattat cgaggcttgg tgccattct 720	
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tctgcctacc	gcaacgactc acagtgtcga tctggtcaat gattttatct gtggaggtct 840	
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accaacagtt	tagtgccatt tatcaactga atagaccttc taagaagaat gcagtttggc 1140	
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aa		1262

<210> 7220  
 <211> 1665  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1641)...(966)  
 <223> similar to gi2959872 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7220

agccacggtt	tttcccaaaa	ggattaaaaat	ggggttcccc	cggggttttc	cccccccccg	60
gggtttaaaa	cccgcccccg	gaaattaaat	ttggggcccc	caaaaaaaaa	atataacttt	120
cccccccccg	gggcaaaaaa	ttgtttccct	taaaagggcc	cccccttttt	ttttttttga	180
atgagaaaac	atttattccg	tctccaaaca	gcattcccagg	ccgggcatct	ccccacgat	240
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cttccctgct	gccaggggtg	ggagcaagga	ggaagtgcc	tgagcaccag	ccccgcctc	420
acaccacggg	aggcagccca	gaggccaccg	gcacaggggtg	gtggccccca	gatcatacag	480
cagtgggcac	aggggaagca	aacctgagt	aggacacaag	agcctgggtcc	ggctccgctg	540
cacagggcag	gtgtgatggc	ccccacgagt	ctttggcaga	gaacgcagat	aatagcggt	600
cccacggcct	gacccggggc	ggggggaagc	tgaggcactt	gtcagtagca	catgggcacc	660
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ctaaaaaccc	tttcctaaaa	gtgccctgga	ggagtgagcg	gctgactgaa	gccctctggg	780
cacaggcact	tggggtgtgg	ctctgccagc	ccccgccagg	ctatgaggct	ccttagctgt	840
gtgtcagctg	cacaggatgg	aacaggtgaa	agagaggggc	tggcagttcc	aggaggctca	900
tgggaaagtc	cagggcagag	gggagggccc	tctctgtccc	ccttcccacg	ctaaccgccg	960
ctcagtacac	agggggcggc	tggtagccct	cggtggtctc	cgcgttctgg	gtgaaggggtg	1020
gctgttggtg	gttggtccca	gatgcacctg	ggtaggaggc	gtaggcagtg	ttggggtcg	1080
gagtggggtc	aacgtaattc	tggatgaagt	cgtccacgcc	agccttgtag	cgctggtagg	1140
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tcacagagtc	ggccccacc	agcacgtcct	tcgggttggt	gactgcccac	tggttggtga	1260
ggaagcagaa	accaacaaac	cacaggaagg	tccagagagc	tgagaagagc	aggtcaccaa	1320
tgaccaggta	cttgcggtca	gtggcggttc	tgatctgggg	gaaatacgcg	tcgaccacca	1380
agaagaaggc	cgaggccagg	aaggccagca	ccccgatggc	actgccatag	cggcaggcat	1440
cctcgttgcg	gttgaacacg	cagtacatct	gcttagactc	gtgggcattg	ctgtagccct	1500
caccatagat	gcaggagaac	acgatcaagg	cgaagaccaa	gcacacggcg	cgcgccacca	1560
cctgcggctg	cgtcaggaag	cgccgcaggt	cgaaggagcc	gcccgccttg	gccgcgccgt	1620
aggccccgct	ctccatgtcg	ccgtcgccgc	cgtcgccgcc	gccgc		1665

<210> 7221  
 <211> 955  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (238)...(569)  
 <223> similar to gi3879530 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7221

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ccccctcccc	aagactatga	aagtgatgac	gactcttatg	aagtgttgga	tttaactgag	180
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gaaaaataact	cagtagctac	ccagattgta	atgggtggcg	ttactggctg	gtgtgcagga	300
tttctgttcc	agaaagtgg	aaaacttgca	gcaactgcag	taggtggtgg	ctttcttctt	360
cttcagattg	ctagtcatag	tggctatgtg	cagattgact	ggaagagagt	tgaaaaagat	420
gtaataaag	caaaaagaca	gattaagaaa	cgagcgaaca	aagcagcacc	tgaaatcaac	480
aatttaattg	aagaagcaac	agaatttatc	aagcagaaca	ttgtgatata	cagtggattt	540
gtgggaggct	ttttgctcgg	acttgcatct	taaggacatg	aataattctcc	cataacggat	600
tcaactatga	gaagagaagt	ggcagcaata	aggcagtctc	tcaaaagtca	tactgccaga	660
gtctctaggg	caaggagaaa	caactagctg	gacaatactc	aattcacaac	ttagcatttt	720
gccatctgaa	gcttggcaaa	ctagtatctg	ctgtaaaaca	acctatatgg	tatgtgaacc	780
gtagtattcc	tgagcaaaac	gtggctttca	tcgctttgta	aaaatttgca	tctgtttaga	840
aactagccta	taaaatatca	ccattggatg	tagatatgga	gagaaaagaa	atatgttggg	900
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<210> 7222

<211> 2128

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (108)...(1627)

<223> similar to gi4468866 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7222

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ataatgatga	gctgcagttc	ttggagaaga	tcaataaaaa	ctgctggagg	atcaagaagg	180
gcttcgtgcc	caacatgcag	gttgaagggtg	ttttctatgt	gaatgatgct	ctggagaaat	240
tgatgtttga	ggaattaagg	aatgcctgtc	gaggtggtgg	tgttggtggc	ttcctgccag	300
ccatgaaaca	gattggcaat	gtggcagccc	tgccctggaat	tgttcacoga	tctattgggc	360
ttcctgatgt	ccattcagga	tatgggtttg	ctattgggaa	catggcagcc	tttgatatga	420
atgaccctga	agcagtagta	tccccagggtg	gtgtcgggtt	tgacatcaac	tgtggtgtcc	480
gcttgctaag	aaccaattta	gatgaaagtg	atgtccagcc	tgtgaaggag	caacttgccc	540
aagctatgtt	tgaccacatt	cctgtttggg	tggggtcaaa	aggtgtcatc	ccaatgaatg	600
caaagactt	ggaggaggcc	ttggagatgg	gggtggactg	gtccttaaga	gaagggtatg	660
cctgggctga	agacaaggag	cactgcgagg	agtacggaag	gatgctgcag	gctgacccca	720
ataaagtttc	tgcaaggggc	aagaaaagag	gccttctctca	gttgggggacc	ctgggagcag	780

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gcaaccatta tgcagaaatc caggttgtgg atgagatttt caatgagtat gctgctaaaa 840
aaatgggcat cgaccataag ggacagggtgt gtgtgatgat ccacagtga agcagaggct 900
tgggccacca agtagccaca gatgcgctgg tagctatgga gaaggccatg aagagagaca 960
agattatagt caatgatcgg cagttggctt gtgctcgaat cgcttcccca gagggtaag 1020
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gaaaggaacg gacactgtta gtacacagga agggatccac ccgcgctttc cctcctcacc 1260
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ccttggttgt tccacagagt tttaggaaaa tctgttaggg atgggtagat gtcaaactgc 1920
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cggccgcttt aaaggatcct tggggggggc caagtttacg cgggcatgca acgtaatagc 2100
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<210> 7223

<211> 7752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (91)...(3133)

<223> similar to gi3378196 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7223

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gatgaaactg aagaagaaaa gataggggaa gaagaaaatg aagaagacca ggtcttctat 180
aagcctgtta ttgaagactt aagcatggaa ttggccagaa aatgcacgga actcattagc 240
gatatccgtt ataaagaaga gtttaaaaag tccaaggata agtgtacatt tgtgactgac 300
agtccatgac taaaccatgt aaaaaatatc ggtgctttta tttctgaggc aaaatacaaa 360
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agtgtttttg caggagaagt tacacagctc cagagtggag tggcctacaa gcagaaacat 480
gatgctgcca aaggattctc agattatgcc cacatgaagg agccccctga ggttaaacad 540
gccatggagg tcaataaaca ccagagtaat atttcttata ggaaagacgt gcaggacacc 600
cacacgtaca gtgcagaact tgaccgacca gacatcaaga tggcaaccca gatctctaag 660
atcataagca atgcagaata caagaaagga caaggaataa tgaataaaga gcccgtgta 720
attggaagac cagattttga acatgccgtg gaagcttcta aactttctag tcaaattaaa 780
tacaaagaaa aattcgataa tgaaatgaag gataagaaac atcattacaa tcctcttgaa 840

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catgttttga	aagccagcaa	aatgctcagc	ggccgagaat	ataaaaagct	ctttgaggaa	1020
aacaaaggaa	tgtatcattt	tgatgcagat	gctgtggaac	atctgcacca	taaaggcaat	1080
gccgtcctcc	aaagtcaggt	gaaatataaa	gaagaatatg	agaaaaataa	gggaaagcca	1140
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ataatttcaa	accggttttg	cttttgagtc	atgaggcaat	ttccaatatt	agtgaatatt	3600
goccaatata	ataagtgtaa	acagtggcag	aaggacagtc	tggttaaaat	tatattgact	3660
ggtggcctta	gggatctaga	aacttctact	aaacagagaa	atttccttgt	tccctaggct	3720
gactgggtatc	tattttattc	tcatttgcac	caaggcatct	cctactctcc	atttatattc	3780
tatggaccca	agtctatgct	cagttccaca	gaatgtcagg	accaataaac	ttcacagcta	3840
ctctgcaaaag	ggcaaatatt	aatgtcattg	atataatttc	cctagtagca	tttaccctgt	3900
tgcatgtcat	gtagattcaa	gcttctgtaa	cataggcagc	tgactgcgc	gttcctatta	3960
ttgaagcaaa	aagggtgact	gatacctaaa	agccctttct	tctctagtc	gccagctcat	4020
cagaaaaaca	tactttgaaa	agatgcttga	gattttcctg	ctgcatcgca	ctctagtttg	4080
gaaggattta	catcttagga	aataacatgt	atactctagt	aaataagcga	tttaggtgtt	4140
ccattgaaca	gctttgatta	acttaatgcc	accattgatt	tcaaagtga	gaaaatgtaa	4200
cagaagccag	tgaagcaatg	gaagctggag	tgtgactgga	aaaatactca	gcaaacaaag	4260



```

aatataattt ggcttttggt atgcaaattg ttaacaccag ctattaaaaat atatttttagt 7740
agaaaaaaaa aa 7752

```

```

<210> 7224
<211> 1647
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1637)...(1121)
<223> similar to gil770564 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7224
tttttttttt ttaaaaagta ttatttttatg tatatttttac cacagtcaaa aattcccaaa 60
ttatccaaac acaatcagta attaaatgcc taccatatgt atggcattgg gccaaaagat 120
aaacgtgtgt ttacagtacc cacatggctt tgttctccat ttcccacaga tgtaggcaaa 180
tgtgtaatta actaacatca tgcctcctat agggccacat gtcacttcca atatcaggga 240
aaatgacctg ttctgaagtg ctcatccatt ttccaggccc aaccagaccc caaaatacat 300
cgtttatgca gaggacttgg aacacattca aaacagtaca tactttattt tcaagcatac 360
aagaaacact aaactcttcc agtgccagta cactctccat gaattcttca tatagaattg 420
ggatatattg aagcaagtgt tttctggtga aatttctgat gatcaggaat caagactcag 480
tagccctaaa ggaagagagt tttgtatcca atatcctcaa aaccaagaca tagtatattt 540
tactttcaaa gtaaactata aacattttac catatccttc aatccataaa gcatctcact 600
gtgaaatgat ccatgttgac tctgcataat tctcagaagt cacttcaagt gatgaggggac 660
taactataaa acatgcatta tttgaagtac atgagcatga aacatcgaag tctacaactt 720
atcttaaaag aaagagtaag ttccaccagc tttttattgt ttgaataaca gaacacacaa 780
aaccaggcag agaagtccgc aaggaaatga tgatcatatt tcaactgttt ttggcctttt 840
ggtccttcat ctttcaagca cttactgtat tttccttttag cgatttaaac atttattttg 900
atcacaaatg caattcaagt gtgaataaat aaacgtatta tcttttagca cccttccccg 960
cttggttcctt taaatagaaa aaagtgcata atgtctcttt ataggctatt ggccatagct 1020
gtcccaccta tggtttttaa aacagactgt aacttgatct tctgaaatcc ttctcgaacc 1080
acaactcggt ctgttaaaga aatccttagga aagaagtcct actgatattg tcatagatct 1140
ccaaaagggt aggaaggtaa ctgagttgaa ggcaactggg aggggtcttc tgcaaaactga 1200
ggaccattgg gaaactgtgc agaggcaaat cttgtcaaca agataccagc tccttcaatt 1260
aaagctagga gaatgccacc cattgcggtc gaccaacca tggccactgg tccatttctt 1320
gctgccagta tggctcccggt taaggcacca cttgtgatgg agttccaggg atcttccttt 1380
cctctgactt gaaccatact acagtcaatc atggaaaaca gccctcccca aactgcaaag 1440
ctacctccta actgtggagc cctgggttta atagctgtca aactccctcg tagtctgtgg 1500
tttactccca ctggagaatt gcgaaaacct ttgattgctt gaaagatacc accaccaatg 1560
gtaccatcgc taaaggcccc accacagtca tccacaattc gccatgggca aggctctcgc 1620
gcgtactcct ccatcttgac tccaatg 1647

```

```

<210> 7225
<211> 2307

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc feature  
<222> (202)...(1249)  
<223> similar to gi33967 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7225

gacccacgcg	tccgcgcagt	ttgctctcct	tgttttgctt	tcgagctgga	ctgttctcag	60
gcaagccggg	gagtaacttt	tagttttgct	cctgcgatta	ttcaactgac	gggctttcat	120
ttccatttca	cacaccctag	caacacttat	accttgcgga	attgtattgg	tagcgtgaaa	180
aaagcacact	gagagggcac	catgccggtg	gaaaggatgc	gcatgcgccc	gtggctggag	240
gagcagataa	actccaacac	gatcccgggg	ctcaagtggc	ttaacaagga	aaagaagatt	300
tttcagatcc	cctggatgca	tgcggctaga	catgggtggg	atgtggaaaa	agatgcacca	360
ctcttttaga	actgggcaat	ccatacagga	aagcatcaac	caggagtaga	taaacctgat	420
cccaaaacat	ggaaggcgaa	tttcagatgc	gccatgaatt	ccttgcctga	tattgaagaa	480
gtcaaggata	aaagcataaa	gaaaggaaat	aatgccttca	gggtctaccg	aatgctgccc	540
ctatcaaaac	ggcctttctaa	gaaaggaaag	aaaccaaaga	cagaaaaaga	agacaaagtt	600
aagcacatca	agcaagaacc	agttgagtca	tctctggggc	ttagtaatgg	agtaagtgat	660
ctttctcctg	agtatgcggt	cctgacttca	actataaaaa	atgaagtggg	tagtacggtg	720
aacatcatag	ttgtaggaca	gtcccatctg	gacagcaaca	ttgagaatca	agagattgtc	780
accaatccgc	cagacatttg	ccaagttgta	gaggtgacca	ctgagagcga	cgagcagccg	840
gtcagcatga	gcgagctcta	ccctctgcag	atctcccccg	tgtcttcccta	tgcagaaagc	900
gaaacgactg	atagtgtgcc	cagcgatgaa	gagagtgcg	agggacggcc	acactggcgg	960
aagaggaata	ttgaaggcaa	acagtacctc	agcaacatgg	ggactcgagg	ctcctacctg	1020
ctgcccggca	tggcgctcctt	cgtcacttcc	aacaaaccgg	acctccaggt	caccatcaaa	1080
gaggagagca	atccggtgcc	ttacaacagc	tcctggcccc	cttttcaaga	cctccccctt	1140
tcttcctcca	tgaccccagc	atccagcagc	agtcggccag	accgggagac	ccggggccagc	1200
gtcatcaaga	aaacatcgga	tatcacccag	gcccgcgtca	agagctgtta	agcctctgac	1260
tctccgcggt	ggttggtggg	gcttcttggc	tttgttttgt	tgtttgtttg	tattttattt	1320
ttttctctct	gacacctatt	ttagacaaat	ctaagggaaa	aagccttgac	aatagaacat	1380
tgattgctgt	gtccaactcc	agtactggag	cttctcttta	actcaggact	ccagcccatt	1440
ggtagacgtg	tgtttctaga	gcctgctgga	tctcccaggg	ctactcactc	aagttcaagg	1500
accaacaagg	gcagtggagg	tgctgcattg	cctgcggtca	aggccagcaa	ggtggagtgg	1560
atgcctcaga	acggacgaga	taatgtgaac	tagctggaat	tttttattct	tgtgaatatg	1620
tacataggca	gcactagcga	cattgcagtc	tgcttctgca	ccttatctta	aagcacttac	1680
agataggcct	tcttgtgatc	ttgctctatc	tcacagcaca	ctcagcacc	ccttctctgc	1740
ccattcccca	gcctctcttc	ctatccccat	cccatcccat	cccatcccat	cccatcccat	1800
cccgctcttt	tctacttttt	ccttccctca	aagcttccat	tccacatccg	gaggagaaga	1860
aggaaatgaa	tttctctaca	gatgtcccat	tttcagactg	ctttaaaaaa	aatccttcta	1920
atctgctatg	cttgaatgcc	acgcggtaca	aaggaaaaag	tatcatggaa	atattatgca	1980
aattcccaga	tttgaagaca	aaaatactct	aattctaacc	agagcaagct	tttttatttt	2040
ttatacaggg	gaatatttta	ttcaaggtaa	aattctaaat	aaaatataat	tgttttttat	2100
cttttctaca	gcaaatttat	aatttttaaga	ttccttttct	tgtttatcag	cagttgttat	2160
tacatccttg	tggcacattt	tttttttttaa	ttttgtaaag	gtgaaaaaag	cttttatgag	2220
ctcatgtagc	aatcagattt	tcctgtggat	tgataataaa	tgaatatgat	atatagttaa	2280
atttttaagg	ggcatcaaaa	aaaaaaa				2307

00400725 "0400

<210> 7226  
 <211> 1404  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1318)...(142)  
 <223> similar to gi3777604 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7226  
 tttttttttt ttaaaaagag aaacctttat ttacaacccat gggagtccca caggagtaca 60  
 caaaacacac aatgtgcaca cacacaaaat gaacctttta agtcaatacc atgcgtgctc 120  
 ctggccgcgc gccacccctc agtgccctat ccgcaccacc atcacagtga cgttgctcgc 180  
 cgagccccgc tgcaccgcct tgttgccag cctgttgag gctgcttcgt agcgggcgtc 240  
 ggctgcggac ttcccttccc gggctctggat cttttcatcc tcgagacagg acaagatgaa 300  
 gttcacggct tcttctgggg taaagacctt gaagagccca tcacaggcca acaaatgaa 360  
 cctgtcattg ggggtcagct ggcagcgtct gatgtcgggc acagagggtga caccgcagcg 420  
 cttgtactgc cgtcccccac tggagcgtga cacctctagc acgccccaaa cgcgccatc 480  
 cctgacgttt cctccagcct tctgtatcct catccgctct tcatactgag ttggattatg 540  
 ctctttgctg aggtttaagg ctgcatgttt ttgactctcc tcattataac gacacaagat 600  
 tgcccgaacta tctccgaggt tggcaatata aagaatgttg tctacagcca gaacacacgt 660  
 ggcagtgagc ccatctttcc aggcaggctt ctggctggaa gcttgtttaa ggaactcttc 720  
 atcagtatgc ttgaaagtgt ccaaaaggca tctcttcacg gttttctcta cactgattac 780  
 atctccttta ggaaattttc tgattaagtt ttgatgcaaa ttctgtgcag caaattttga 840  
 ggctcgaatt cctccatgtc catcaaaaac agcaaaatat gaaacccgag taatgaggga 900  
 cgatgggggc ctacactcct cggatgatgtc gttcaggatg acgtgggcat cctgcatctc 960  
 ctccctctca cccttccgct cagccacata gcccttcaga ccaaagatca ccgaagggc 1020  
 tttaaaaact ttcttttcca caagctcttc actgccattc ttctcttcct cggagggtttt 1080  
 tctctttgct cctttccctt cagtctttac catctgggat attgatgtgg caagagaacc 1140  
 tgaatcgcca ctgctagcgg gtgggagatc atcaaaaagc aaagggtcccc ctgatcctga 1200  
 gtcagtactg ctggccggag ggaggtcatc aaagagcagg ggtcctttct gagcttcttt 1260  
 cccggcagcc gggcgcgggc agcgtcggg ctccggcagg tccccgaaga ggtccatggc 1320  
 ggaggctggg tggaggcggc agcagcgaca gacactcagc ccgcgagcag cggccgggct 1380  
 ccacgaaatc gtcgaccggc gaat 1404

<210> 7227  
 <211> 991  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (45)...(565)  
 <223> similar to gi4929743 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7227
cccacgcgtc cggcgaggcg cccgaagccg tcgcggcggg gaccatgttg cttccgaaca    60
tcctgctcac cgggtacacca ggggttggaa aaaccacact aggcaaagaa cttgcgtcaa    120
aatcaggact gaaatacatt aatgtgggtg atttagctcg agaagagcaa ttgtatgatg    180
gctatgatga agagtatgac tgtcccatTT tagatgaaga cagagtagtt gatgagttag    240
ataaccaaTt gagagaaggt ggagttattg ttgattacca tggttgtgat ttcttccctg    300
aacgctgggt tcatatagtt tttgtgctga gaacagatac caatgtattg tacgaaagac    360
ttgaaacaag gggttataat gagaagaaac taacagacaa tattcagtgt gagatTTTTc    420
aagttcttta tgaagaagcc acagcatcct acaaggaaga aatcgtgcat cagctgccca    480
gtaataaaac agaagagcta gaaaataatg tagatcagat cttgaaatgg attgagcagt    540
ggatcaaaga tcataactct tgacttataa ggctagctac ttaataatca ctcttgTTga    600
tatctctgcc gacatcatag aaattgttca agtgtcagta acactttatt aaaatcatgt    660
tgcagaacca gcagggtggat agtatatagg tttatgcctg tgtttctttt tctccatgag    720
aaagctaaac atgaaatata atgaatatag tattattaag gattgagaca aaaactgtga    780
ttttaatact taaattgcta aagaataaat aaatctgaca aaatgggtgg atatctTTta    840
agttttattac agaaaaaaat gcagatgatc tcttaaaata aaactaaaga taaagcaaaa    900
aaaaaaaaag gggggggccc tttaagggaa ccaagtTTta ttcccggggg gggggggaggg    960
taaattTTTT tatatggggc cccaaattcc t

```

```

<210> 7228
<211> 791
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (761)...(279)
<223> similar to gi3688090 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7228
TTTTTTTTTT ttccaaaaaa acagccttta ttgagcagct attgggcagt gacgctgccg    60
aggcggaat cccaccacag tcctgaccgc agctgggacc cctttgcctc ctctgacacc    120
cccacctcaa tttgataccc acttcctgag caaatgtgac ccctagggcc tgggattccc    180
aaaatgacca ccccgaaatg cagcggcccc accgtctcct gaggccgggtg aggccagggg    240
gcagcagtgC ggctcagcag gtgcgaggca ggcttaggat ttcggaatca ccacctggaa    300
cttacagacg ggcagggctg ccacggaggc ggtgaccacg ctctcaatgc ccagggtata    360
gagggcgccg cgcaggaggc cgcaggtgaa ggccaggaac ttgggtgctt cctccagata    420
ctgcaggcca gaggccatcg ggaggaggag ggggaagctg ttgtcttgca ggacgtaggt    480
cccctggtga ttggtgcgca ggctgtccat ctgcttctgg aacaccgcca cccacaggtc    540
tttgacaaag aacttgagga catccagctc ctccctgaag gccagcgtct cccggggcag    600
cctctgcct agagcctggc ccacacggaa ccccataccc tccaggaccg acaggctcat    660
cttctgtccc cccggggcgg ggtcgggggtc gtgagccac agctcagcca ccatctccgt    720
gtgaagaaac tcaaacaaca cagtatccgc catgccccct cctcgcacgc ctaaagatgc    780
gccctcgtgc c

```

<210> 7229  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (452)...(185)  
 <223> similar to gi951423 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7229  
 tttttttttt ttgggggtgg tggggcgagt ttaattcata aagaagcctc ctgatcagaa 60  
 aggggcctaa cagcctgccc ttggagagaa gtccttcctt gaggataagg cctcccaggg 120  
 gaggaggtgc tgggggccag tgtaggctt caggccatcc ctggaggcca gtcctgtgct 180  
 cagcaagtag tggcagagcc tggagtgatg agtgggatgg ccttctcagg tacaggactg 240  
 tgctgcttct ggctgctctt gcatttgcat ttgccactca gaactgccgc gatcccagca 300  
 atggccagga gccctccgca gatcagtccg ctcagctgca ggtttttcca gtcatagtag 360  
 aagggatcgt ctttattggc aaatgggtca ttggcttcca aggcagtcag gcctgccagt 420  
 aggagaaggg ccagggtcac tctctccatg tcacagttcg aggggcaggg ctgcaggggg 480  
 agaggcactg gggcgggggg ctgcagccca cggatctgct ccagggtcac agctcaattg 540  
 gtcaactgtg tgactctgca ggttcctcac tgctccttca ccagtgtcct gcgagggtcac 600  
 cttggcgagg gctcacctga gctg 624

<210> 7230  
 <211> 2902  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (115)...(698)  
 <223> similar to gi4093190 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7230  
 tgggaccaaa acaaaggagc ggcggccggg agcggactta ccttaccttc tctgccttcg 60  
 gcgcgcttct cagccggggc gccgacccaa aggagccgtc cgactatgtc taacatggag 120  
 aaacacctgt tcaacctgaa gttcgcggcc aaagaactga gtaggagtgc caaaaaatgc 180  
 gataaggagg aaaaggccga aaaggccaaa attaaaaagg ccattcagaa gggcaacatg 240  
 gaagtgcga ggatacacgc cgaaaatgcc atccgccaga agaaccaggc ggtgaatttc 300  
 ttgagaatga gtgcgcgagt cgatgcagtg gctgccaggg tccagacggc ggtgacgatg 360  
 ggcaaggatga ccaagtcgat ggctggtgtg gttaagtcga tggatgcgac attgaagacc 420  
 atgaatctgg agaagatttc tgctttgatg gacaaattcg agcaccagtt tgagactctg 480  
 gacgtccaga cgcagcaaat ggaagacacg atgagcagca cgacgacgct caccactccc 540  
 cagaaccaag tggatatgct gctccaggaa atggcagatg aggcgggcct cgacctcaac 600

atggagctgc	cgcagggcca	gaccggctcc	gtgggcacga	gcgtggcttc	ggcggagcag	660
gatgaactgt	ctcagagact	ggccccgctt	cgggatcaag	tgtgacggca	gaacccgctc	720
tgagggtttcc	tggccatagc	caccctttga	aatgctctct	gtgtgttaga	gagatactat	780
accctagaaa	ctctgaacac	gccagaatgc	tgaaatgcc	ttctaccttt	gggttttacag	840
ccccctccac	ataaattaag	aaattcagta	tttctgcaact	cttagctgga	ttctaaagtt	900
ctgtatagct	cgtaatgatg	gtatTTTTat	agcagccttt	taacagaact	agttaatttc	960
gtgtatatga	atctttctcg	aagatctggt	caaaactgta	ttcagtttcc	tgcccagaat	1020
gatcagattg	aaggtgggtg	gtttttatta	ttatttagtg	tgattgatag	tatctagaat	1080
ggcaggtggt	gcataaaagt	taaagagagg	ggaaagatta	cttagtttgg	ttatacagtt	1140
ataaacacca	tgcagtgtat	tcggtggact	gtgctatttc	tgtttatcct	ttgggttttg	1200
gtttttgttt	tttttttttg	ccttcacagt	gagactgcaa	atgattgttc	tcataacgta	1260
tattattaat	aaatgtggtc	ctataattta	tactgaaatt	accttaggat	atTTTTgcat	1320
aatactctct	tactgcttac	attctataaa	tttttcacgt	gataattgtc	tttgcgtaac	1380
tgggaaaaat	gccgaataac	ttcctttatt	atctggaaaa	attaaatttg	ttcatttata	1440
ttttctactt	actaaattga	gttttttaaa	agacttagtg	tgacatttga	cagtgtcttt	1500
caaacgaact	tctctaacaa	gtttatagtt	atTTTctgt	ttcaacacta	ttagaagtct	1560
tataaattat	gctaattagc	atggcagtca	tgttacacac	tcttaacatt	gccaaagaac	1620
tgttgatttc	gtttgagaaa	accctgggac	tgtgtgtgtg	taggttttgt	tttgatttta	1680
acaaccaaaa	atagaaataa	aattagaact	gcgttttaag	ttctaatttg	catttattaa	1740
tttgtccaaa	agcaagaact	cttggaaatc	cttggaaaata	taagctggaa	tgttttactt	1800
agccatgcaa	gtcatttatg	tatacatcca	gccagctgga	aatctgagaa	gtaaagaggt	1860
aggactggaa	ggaaggagaa	agcttgagtc	tttaaggcta	gagcccagct	gtgctgcctg	1920
ccatcttctc	aggaatggca	gtgcgatatt	tctggctgaa	aagtaaagca	tgtatccacc	1980
gctttctcat	agcctcgaaa	catggagaaa	agcaacttgc	ttttgccttg	gcaagcatgc	2040
taacctaaagt	taattcaagt	tttttttaac	ttaccttttc	cttcaactgga	agatttttcc	2100
ataagagaat	tccattgttt	cagaaaataa	ttataggggc	ccttccaagt	tctttgaaag	2160
attcataacc	aactattcac	tattataaca	tgtttcccag	tgtaaattgag	taaggaaaaa	2220
aaaagtgtaa	caggtgcgtg	cagatgagga	gtgaccctca	tatttaagtt	atTTTatatt	2280
tgactggaca	ttgttcagaa	gtgtgcttta	agggacactt	gttggttgtc	tgcccagcat	2340
ctctcaagaa	tatccctcct	gtcctccaca	tgggtgtgca	gggccatgtg	tgaagacagc	2400
atgagtctta	acccctcttt	tatttttatt	ttgagacaga	gtctcgctct	gttgcccagg	2460
ctggagtgct	gtggcgcgat	ctctgctcac	tgcaacctcc	acctcccggg	ttcaagtgat	2520
tctcctgcct	cagcctgccc	agtagctgga	attacaggtg	tgcaaccaca	tgcccagcta	2580
gtttttttgt	atTTTtagta	gagacaggg	ttcactatgt	tggccaggct	ggtcttgaac	2640
tctgacctc	aggtgatccg	cccacctcag	cctcccaaag	tgctgggatt	acaggcatga	2700
gccactgcac	ctggccttaa	cccctcttta	gattggaaaa	aataattaca	actttaaaaa	2760
tagcttagtg	ttgaacctt	tggtaacta	aagaccttt	tataatgcac	atattcccaa	2820
caaaattaat	atattttgtg	agattaaaca	atgcttgat	atgcttgaac	tttcttaaaa	2880
tatgtccatg	tcatactatt	at				2902

<210> 7231

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1157)...(816)

<223> similar to gi3886059 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 7231
ttttttttttt cagaatgaaa acacttacaa atcatttttta ttatgaataa tttaggatat 60
ttgggacattt cttttctgag taaaatagtt caaaatagga ttttgttgat acctgttgat 120
acatattttag aaacaaaaat gagatatcct tttgaaagtt tgcctttgta gtaaattcag 180
tcattcaaat tgttttctct caagacccaa aaatgccagg ggcattgccg gctcttgagt 240
ttattctttg tttcttcac aaattcttcc atgggactct attaggtttc ccgggggtcc 300
cagctcacct aggggggaaa ggggggtaat cgggttcccc aaaatgactt tatcctttcc 360
tatggacatc tggttaacag cttgagggga cagaggatca tgaaccaaag catctgtgta 420
aaaggaacca aggtatttct tcgggttcat ggggttggtc tgggcacaca gatctgggcg 480
catgctgaat ccatgggaga ttcttccac tgtgaagggg aaggcaccac caccatgtgc 540
gaaacacact ttcagtttgg gaaacttctc aaatactcca cccatgatca tggagcaaat 600
ggctatgggtg gtctctgctg gcattcctac aagccaaggg agccagtatt tggccattcg 660
tccatccatc tgcattgtcc agggatgcac gaacagggaa cacttcagcc ttcgggtgc 720
cgcatagaca ggaaagagct cctgcgcgtt cagggtccac tcgttgacgt ggggtgccaat 780
ttggacccccg ggaaagccca gctctttcac acagcgctcc atctccttga ccgccagctc 840
aggggcctgc atgggcaacg tccccagacc cacgaacctc ctggggtagc tcacaacggt 900
gctggcaagg tcgttggtta aaagctggca cagggtttaa gtgtcctcag gtttggtcca 960
gtagctaaac atgacaggaa ctgtggaaag ggcttgact gttactcctt tttggtccat 1020
ttctctaata cgaacttctg gatcccagca attctctcgc accactctga agactttccc 1080
atctttcaac aactttgctt ctcccttgct gtggtgttgg agctgcacc agcctccgta 1140
gccaaacctc tttactggc tgccctgttt tccctgtctc acttcctcac tctactggtg 1200
tttcttggtg tcacctccaa agcaaactac ttgcatctga atccttgtct cagggtctgc 1260
tttttttagat ctggccattc ttttggtaga atatgactat ggatgtcaat tttcatctcc 1320
acaggatcag agaagcatgc aaggaaagaa gttttgatat caagagacct ttgtgaaaac 1380
tgtggagtta attgatttac ttagtccctt tacagcaacc ttcaggcagc agtcagtagg 1440
cctgc 1445

```

```

<210> 7232
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (125)...(1168)
<223> similar to gi30446 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7232
gcggacagag ggctggaaac aagacgctcc agaatcagga gcttcccctc aggaaatagc 60
atcctgtgtc cccgactgc agttgtctgg tctctccagc agtttggtac ttccggctgc 120
tgcaatgcgt gtggtggtga ttggagcagg agtcatcggg ctgtccaccg cctctgcat 180
ccatgagcgc taccactcag tcctgcagcc actggacata aaggctctac cggaaccgctt 240
caccacctc accaccaccg acgtggctgc cggcctctgg cagccctacc tttctgacct 300
caacaacca caggaggcgg actggagcca acagacctt gactatctcc tgagccatgt 360
ccattctccc aacgctgaaa acctgggcct gttcctaate tcgggctaca acctcttcca 420
tgaagccatt cgggacctt cctggaagga cacagttctg ggatttcgga agctgacccc 480
cagagagctg gatatgttcc cagattacgg ctatggctgg ttccacacaa gcctaattct 540
ggagggaaa aactatctac agtggctgac tgaaagggtta actgagaggg gagtgaagtt 600

```

cttccagcgg	aaagtggagt	cttttgagga	ggtggcaaga	gaaggcgcag	acgtgattgt	660
caactgcact	ggggtatggg	ctggggcgct	acaacgagac	cccctgctgc	agccaggccg	720
ggggcagatc	atgaagggtg	acgccccttg	gatgaagcac	ttcatttctca	cccatgaccc	780
agagagaggg	atctacaatt	ccccgtacat	catcccagg	acccagacag	ttactcttgg	840
aggcatcttc	cagttgggaa	actggagtga	actaaacaat	atccaggacc	acaacacccat	900
ttgggaaggc	tgctgcagac	tggagcccac	actgaagaat	gcaagaatta	ttggtgaacg	960
aactggcttc	cggccagtac	gccccagat	tcggctagaa	agagaacagc	ttcgacttgg	1020
acctttaaac	acagaggtca	tccacaacta	tggccatgga	ggctacgggc	tcaccatcca	1080
ctggggatgt	gccctggagg	cagccaagct	ctttgggaga	atcctggaag	aaaagaaaatt	1140
gtccagaatg	ccaccatccc	acctctgaag	actccagtga	ctgctgcctc	ccccacaaag	1200
aactcccttc	tcccctcagc	caatgaatca	atgtgtcctc	tcataagcca	ttgcttctcc	1260
ctcacttctt	tccctcaaaga	agcatgaggt	gagagaaagc	cacaaagtca	gtgcctggag	1320
aaggggttcag	cccaacatgg	ggcccctctc	atcactgaaa	tccctctacc	ttctctgggt	1380
ctggcattat	aaagaacagc	tgaggctgtc	attccatgag	tcttcagaag	aaaggacagc	1440
tcagaaaatc	aaagaggcca	actgcccgag	gccacagaaa	atggaggata	attgaggcta	1500
agtaacctga	ttacaagttg	tactaacata	ttaaagggtt	tgaaaagtcc	tcagacaaag	1560
acaaa						1565

```

<210> 7233
<211> 1826
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1801)...(1034)
<223> similar to gil806180 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7233	
tttttttttt	ttcctgattt agcagatacg tttattcaac acagtgcattg attcaaagca 60
tcggatattc	cacagccaac aaggtttcct attccctatt acaaaatacc ggataccctg 120
aatatagctc	attcaagggtc ctcggttcct tttccctat atctagaatt aaacagggtt 180
ccccgtttag	cgcacatttc acgttcgctg aaggccttgg ggagaggggg aaacagagct 240
tatgactgcc	cctctgaacc aaaggcactt aatgttaaaa gataaagcac agtagagtca 300
ccccacagac	attcctatgt gttcaacggc tgaacttcag cataccatca ccggccccc 360
gtgggattca	tcataacaac gtaaaagaca ctgatttcct tggaaaaaca aagtgcagta 420
cgaatataaa	ggagtcacca caccctctt ccgaaaataa tacataagag aactcttact 480
ttacatgatt	agtatcactc aaggttcaca catggaaaaa atagctaaaa aataatctat 540
cataaattct	cacttatgaa gtcacaatag aatctgatac cttttttaga actggtgagt 600
tggagagaca	cccagagggtc atgtgtcca tcccttcatt tgatagggga gggcacttga 660
ggcccaggaa	ggtcaagcgt cggacctggg gtctaaccct tgtggcagag cctgcgtagg 720
acgcgggcct	cctgaagcct agctcagggt tccctccact ccccttcctc tttaaagact 780
ctcaaaagta	aaatatggcg atgatctcca aagatgcacc acaccataaa gcacatgcac 840
tgaccaggt	cagcaatttg gtctcacaag gcggttcctt tggccatttg gcaggatatg 900
aaccacctc	aggggtgggaa ttctttgcat gggatcggtt aaagttctga gaaaagccca 960
atgtagggtc	gacacgactg ctcttggac tggggaagac tttccttggg tgtcagtcca 1020
tagtgggcag	gcggctcggct gcacagcgga atcccagatt cgaagcagag ctatcagggtg 1080
tggtctggct	ccgagcagca cagcgatacc tgtaacaata agacctatgg cacatgtagg 1140
atccaccttt	cttactcggc tctttccag aagggggacc ttttgggtta agcgtttctt 1200

caacagaatg	atgaacagtc	caccagtctg	aagtccattc	ccatgcgttc	cccactatgt	1260
tgtataagcc	ataaccattg	ggaggggaagg	catcaacagg	cgcagttcct	tggaagccat	1320
cctcaccagt	gttgggtcacc	ggaaactcgc	cctgccaaat	gttggcataa	tgctggcctt	1380
tgggctgcag	tttgttgccc	caggggaaaa	gtctattatg	caggcctcct	cgacagctgt	1440
attcccactc	agcttccgtg	ggcagccgct	tccctgcccc	agtgcagtag	gcaaccgcat	1500
cattccagga	cacatggaga	actggatgat	ccggcctgtg	cagaatagta	gagtcaggcc	1560
cttctgggtg	tctccagtta	gcgcctttca	caggtaacca	ccagggagca	gctgcaacct	1620
ctgtcaaata	gccagttgag	ttcacaaact	tctcaaattc	agtattactg	acttcatagg	1680
catccatgta	aaaggcatca	atagtaactc	tcctcgcagg	tgcttcccca	tcctgcttta	1740
tctgaggatc	atctgtgccc	attgtaaata	ctccagcagg	gatggggacc	atctttgagt	1800
gcgcgagttg	ccgccccacg	cgtccg				1826

<210> 7234

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1031)...(274)

<223> similar to gi3875535 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7234

aatgaataca	ggtaacacag	gtataatttt	actgctattc	tgattttatg	aatgaggaaa	60
ctacgtctca	gagaggtcaa	gctgcttgca	taaagtccca	cagagagtta	gagagggatt	120
aaaatacagt	tcccctgcct	ggttgttctt	ctcttttacc	atatcactta	ctagggcttt	180
gtttcattat	ccaaaaattc	aggtacagca	tctaattagt	tactaagtaa	caattttcaa	240
aggctaaaca	tgattcttaa	attttaaaac	ttaccgtggg	atccacagcc	ttgactttct	300
ctgtgggaat	gtgctttggc	tcaggttctg	tctgtgacag	caccacacat	ccttcagccc	360
ctaaggtaat	gattaccacc	tggcagcccc	ttttcaagag	cactaatgca	gcctccccag	420
catctgcagc	gctgccacc	gtgaggccag	ttaaaatctc	agcctcactt	tcattgcagc	480
agaacacatc	tgagaggggtg	tagaactggg	gatccaggtc	agcaatggca	ggggctggat	540
tgaacaaggt	tttcaactcca	ctcctgcggg	ccattgttag	ggcttccaaa	gaagttgctg	600
gagttatttc	gagctggcag	accatgactt	tggtctctgct	aatgacattg	gctgctgccc	660
tcagatcctc	cgtatttcaa	agtaaatttg	ctccagccac	tatgacaatg	atattctggc	720
cttcattatt	gacaattata	gaagcagttc	ctgtagcagc	atcttttagtc	tgatatgtaa	780
attctgtaga	aatatcattc	tgttttaagt	tttctatata	atcattgccca	aaagaatctt	840
tgccaacctt	acacaccatg	gacgtcattg	ctccaagccg	agcagcttgg	acacactggg	900
tggcaccttt	ccctccaaag	ccaataaaaa	acttatgtcc	atggatgggt	tctccagttt	960
ttggcaaacg	agaagtaaga	ctgaccaggt	cggctcatgca	ggagcccacc	actaccaccg	1020
ccgccacctc	ctcttgccac	tgcctctggg	gttccccaga	cgcgcacatc	gctcaaagggt	1080
gctgctgtcc	aacctggacg	gtgacccccc	gcgtccgccc	acgcgtccg		1129

<210> 7235

<211> 1353

007234"5348450

**030306**

<400>	7235					
gcacatctctgc	acaggtctcc	gattggtgca	cagcacagcc	tggcctttta	gggactgttg	60
tcgcgcggttt	aaagtgatag	ggaaagggtc	cagtggtctgc	ttttatcgac	caatcaaata	120
ttttcctgac	agatcccaaa	atattcctgg	gccaatggag	ggaggagccc	aagatgcctc	180
tgtctctcct	tggagagaca	gagcctctta	agttggagcg	ggactgcccg	agcccagtg	240
agccctgggc	tgtctccagc	cccagacctg	cacttgcttg	cctgtgtcac	tgtcaggatt	300
tgtctagcgg	cgcattccct	aacaggggtg	tgttgggggg	agtcctcttt	ccaactgtcg	360
aaatggttat	caaagtgttt	gttgctacat	cttctgggtc	catagcgatt	aggaagaaac	420
agcaagaagt	agtgggtttt	ttggaagcga	ataaaatcga	ctttaaggaa	ttagatatattg	480
ctggagatga	agacaacagg	aggtgatga	gagagaatgt	tcctggagag	aaaaaacctc	540
aaaatgggat	tcctttgcct	cccagatct	tcaatgagga	gcagtactgt	ggggattttg	600
actcttttct	ctctgcaaaa	gaagagaata	ttattttattc	cttccttggt	ttggctcctc	660
ctccagactc	aaagggatca	gagaaggctg	aagaagggtg	agaaactgag	gcacaaaaag	720
agggcagtg	agatgtgggc	aacctccctg	aagcccagga	gaagaatgaa	gaagaaggag	780
agacagccac	agaagagacg	gaagaaatag	ccatggaggg	tgcggaaggg	gaagccgagg	840
aggaggaaga	aactgcagaa	ggagaagagc	ctggagaaga	cgaagattcc	taggcctttt	900
catgcttcat	ttcttccact	tctccagaaa	atggaagcta	tgaagcaaca	tttcaaattg	960
ctctccacaa	accaaactca	acagaatact	ttggcttgaa	gccggcacac	ccagggttac	1020
tgaggactta	tgtctcctga	cctgggttaga	tgtacatgga	cggatatctc	cgaatcatac	1080
aaaattaaat	gtgaagaccg	tttatgcata	ccttcatgtg	cctgacagtc	ttggcttttg	1140
aagatTTTTT	ttttcttttt	tgtctctgcat	agctagacca	tcttattaat	aatactctga	1200
aaaaaatgat	ttcaaggcat	ggaagttctc	tgtgatacaa	caatagtatt	tcttcaaattg	1260
cgccttatgc	tacttatctc	agaaacaggt	tttaaaatga	agtgcctttc	agagaacccat	1320
catataaata	aagattaata	gaaaaataaaa	aaa			1353

```
<220>
<221> misc_feature
<222> (1378)...(278)
<223> similar to gi2125812 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

5879

```

cacatatcca ccaactgata tttcattgtc catctctcag gagatattca aagtgagatt 120
aatttaataga agccttctca gcaaaccctag aacactgtac ttcattcttca aatttaagtc 180
atagccttta ataagttact tcctagtcat tattttatag tatttatgaa atagtgcatt 240
atatcaatga ggtatcattt aagaggcaaa tactctatag atttggattt gtcattccaa 300
ttccttggca ttcaataata taagtatctt tagcggcgtc ttcttcatct tctgatttct 360
tcacaataaa ttttagccttt gctatttgtt cagcaaaaatg tatcgcggtt tgcgtatgga 420
gtgtaactgg tcctgttttt attctggaaa ctccattggc taatgccatg aaaacaatca 480
gctggtcttg cagatactca tccacagtac caccatgtct aagatttgc t aatagcattt 540
cggcagcttc aattccaact ttgtctgcat ttacacctcg tttaccaagc gatgatccag 600
caaacaaaca gccagtggag gtctcagcaa taattattat tccattttcca ttgccaaatg 660
cttgggtcttt aggttcttga acaggctgga tgtaacata caaatcccgg atctcctttc 720
tgatgcatct aactgctgcc gctgccatat cttttgctac tttaaatggc aaaacaccag 780
caacgaaagc tcttccatat atcttagtca cacagccacg ctgagttaaa tttatagggt 840
tcaattgttt aactggtgac attcgaacaa tcacttcacc accccctttt gggtaataatc 900
cccttgtttt aatgtcacia ttaaatatga aaccaaattt ttcaacaatt ggcttgaaga 960
ccatcactgt ataatcgatc tgtggtgcca tttcagcatt agttccacct ttcaaataga 1020
gttctgatgg agaagcagca aagagaacac acggcattga gacctgcac aagaggcaca 1080
cactccctgc tgtcttggta tctgctgtgt ggattccacc tttgatcttc tctggtgtaa 1140
aggttatttc tgttgagcca atttctgccc cctccagttg cccatcacac aaatctcgaa 1200
tcatttccag tccagataaa tgttgaggcc tcaggcctgg cgtgctccgg ccggtcggga 1260
tcttctgcac ccgcaagggg aggcctagga gacagctcaa ggccgtagag actctcagga 1320
tctggccgcc cccttccatg atgctgccat cgacctccac ccgcggtccc gccatggggg 1380
acaccctggg gccccagccc cagcgacaaa gcctccgcca gagcgggaga aagaagagac 1440
gttggtctcc gccccagtagt tcagaaacct tgggtcatgc ctgggggtgc aggagcctga 1500
cg 1502

```

```

<210> 7237
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (321)...(721)
<223> similar to gi872315 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7237
ctcgaccgcc tgatgactcc cctcaggaaa cgcgcccaag acgagattaa ccaacgcaga 60
tataggaaca ccaagcaatc ttcagcacat tggacatggt ggttgggata caaatacagg 120
ctttgatctg aataatttgg atccagaatt gaagaatctt ttcgatatgt gtggaatctc 180
agaggcacia cttacagaca gagaacatc aaaagttata tatgacttta ttgcaaaaac 240
aggaggcggt gaagctgtta aaaatgaact gcggaggcgt ggggtgcgttc aagattcaac 300
ttcaccgcgt acccaccgcc atggccgagg aaggcattgc tgctggagggt gtaatggacg 360
ttaatactgc tttacaagag gttctgaaga ctgccctcat ccacgatggc ctagcacgtg 420
gaattcgaga agctgcaaaa gccttagaca agcgccaagc ccatctttgt gtgcttgcac 480
ccaactgtga tgagcctatg tatgtcaagt tgggtggaggc cttttgtgct gaacacaaaa 540
tcaacctaat taaggttgat gacaacaaga aactaggaga atgggtaggc ctttgtaaaa 600
ttgacagaga ggggaaaccc cgtaaagtgg ttggttgtag ttgtgtagta gtttaaggact 660
atggcaagga gtctcaggcc aaggatgtca ttgaagagta tttcaaatgc aagaaatgaa 720

```

gaaataaatc tttggctcac aaaaaacaaa agtcgacgcg gccgca

766

<210> 7238  
<211> 1339  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (381)...(1132)  
<223> similar to gi4972109 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7238  
ccgcgtacgc gcgctcgcac gcatcccggc ctactgccc ctgcactcct gttccgttgg 60  
aggggcctga ggcgagcctg agcgcgctgt tggccggagg gaagccggag gagaccgggt 120  
cgactgggca gagcggcaga gggtcgagga gcctgctctg cacgcccagg gagtagaagt 180  
gggcagggag caggggtcacg tgaggggagcg cgccgcgact gagcttgggt ccgactggag 240  
ctcaggctcg cgacccagac tgggtgggcca ggccccaag ccggccttac acccaatcca 300  
aggaggacag accggacaca gagggacgga gcgagcaagg agacatggct tcatcattcc 360  
tgcccgcggg ggccatcacc ggcgacagcg gtggagagct gagctcaggg gacgactccg 420  
gggaggtgga gttcccccat agccctgaga tcgaggagac cagttgcctg gccgagctgt 480  
ttgagaaggc tgccgcgcac ctgcaaggcc tgattcaggt ggccagcagg gagcagctct 540  
tgtacctgta tgccaggtac aaacaggtca aagttggaaa ttgtaatact cctaaaccaa 600  
gcttctttga ttttgaagga aagcaaaaat gggaagcttg gaaagcactt ggtgattcaa 660  
gccccagcca agcaatgcag gaatatatcg cagtagttaa aaaactagat ccagggtgga 720  
atcctcagat accagagaag aaaggaaaaag aagcaaatac aggttttggg gggccagtta 780  
ttagtctctc atatcatgaa gaaaccatca gggaagaaga caaaaatata tttgattact 840  
gcagggaaaa caacattgac catataacca aagccatcaa atcgaaaaat gtggatgtga 900  
atgtgaaaga tgaagagggt agggctctac ttactgggc ctgtgatcga ggacataagg 960  
aactagtcac agtggtgctg caacatagag ctgacattaa ctgtcaggac aatgaaggcc 1020  
aaacagctct acattatgcc tctgcctgtg agtttctgga tattgtagag ctgctgctcc 1080  
agtctggtgc tgacccact ctccgagacc aggatggctg cctgccagag gaggtgacag 1140  
gctgcaaaac agtttctttg gtgctgcagc ggcacacaac tggcaaggct taatcaaaag 1200  
actggaaaaa tgcagtctgt aatagcataa ggcttccatt atgaaagaaa actacaaaaa 1260  
ataatacttc ttttccaccc gtcttttggt tgtattggct aataaaatca gttctgtgga 1320  
actgggaaaa aaaaaaaaaa 1339

<210> 7239  
<211> 3122  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (2669)...(2950)

<223> similar to gi5902972 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7239

cgtccccggc	gcataaggct	tgcggggcgc	accaggatac	ccgaagtcac	ctcctgtagc	60
ttccccagga	gctgcggtgc	cttctcttgt	gtctttttct	gcgggggtca	cccagaagcc	120
tttccccagt	gatgggggcg	ttgtcctctt	taacaaagtg	ctggtgaacg	acggggatgt	180
ttacaacccc	agcaccgggg	tcttcacggc	tccttatgat	gggcgctacc	tgatcacggc	240
cacctcacc	cccagagag	acgcctacgt	ggaagcagtg	ctgtcgggtc	ccaacgccag	300
cgtggccag	ctgcataaccg	ctgggtacag	gagagagttc	ctggaatacc	accgccctcc	360
aggagctttg	catacctgcg	ggggcccggg	ggcattccac	ctcatcgtgc	acctgaaggc	420
gggagatgca	gtcaacgtcg	tgggtgactgg	gggcaagctg	gctcacacag	actttgatga	480
aatgtactcc	acatttagtg	gggttttctt	atatcctttc	ctttcccacc	tctaagggtg	540
ctggggagat	gtcaggggaa	agatagatag	ttgtaaaaac	tctaaagctt	taatataattc	600
ggtttgtatg	taatggaagc	acggggctag	agtttccaca	taggccccaa	cataaaggcc	660
ttccctcgct	gttgaggcca	ccatgcctta	ctgcatccag	ccaggctgca	gggagtgagg	720
cacacggtga	acatggccac	tgacttttct	gccactctaa	ctggacaact	ggaagacttg	780
gaaaggcctc	cacctgtatc	tacactctga	gggccttgga	ctgggcctga	gcttgccaca	840
gaggctccgt	ctgactgtgg	gctgggagga	gggaggcagg	ggagagccgg	tcacggtggc	900
tgggtctttac	tgcagggcag	cactgtggcc	agctgtctgt	ctttacactg	catgcagaag	960
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<210> 7240
<211> 5172
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (290)...(4667)
<223> similar to gi4589616 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 7241  
 <211> 2216  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1806)...(1455)  
 <223> similar to gi5911926 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 7242
<211> 1321
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (836)...(175)
<223> similar to gi995778 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

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<210> 7243
<211> 1477
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1478)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1335)...(341)

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<223> similar to gi2780406 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aggcactcgg	ggagtcatca	gccagcccag	gacagcgcca	gttattaggc	cagccagcac	840
ctggtgagg	aaatgtgcta	agatgaagat	tcgcgacaag	ccaaccgcca	aaaggaagg	900
gcaataagcc	aggctaggca	tcacccttac	ccagcgctg	cgggcccag	tggccacctg	960
cgaagacagg	gctgtcatta	tgggccagag	ggctgctcct	gtgatcatgc	agtgtccaga	1020
agggtgcct	ggaccagtct	cacaagaaga	ggggaactgg	tgaacctggg	ctggagcctg	1080
gctgtagtaa	ccagactcat	ggaccacca	aaagggcctg	tctccaaaaa	gaaaccactt	1140
gaagatgagg	ttgagccact	cggtgatgag	gctgatccag	agcaccgcga	tgcccacacg	1200
gcgggaggcg	tagtaggccg	cggggaagta	gaacagaaa	aggatcttgg	gatcgcccag	1260
aaaggtgatc	cagagccaca	cgttctccag	ccaggctagc	tggttctgta	gcgcctcggc	1320
tatcacgatg	ccgcgcacca	gcgtggactc	catggcggcc	cagctgccga	ccaggccccg	1380
gcttgctcca	gggcggaaac	cagagtccag	gcaacgaagc	agcgtcgacc	tcgtgccgaa	1440
ttcctgcagc	gcggtgcaga	ccgntcaatt	ccctcct			1477

<210> 7244

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (469)...(290)

<223> similar to gi3641538 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7244

tttttttttt	ttggaattac	aaagctactt	ttaatacttt	ggggtgagcc	ccacaggaat	60
aaaaaacact	gggaaggggt	aacccctca	ccccgggag	tggcccagg	ggagagaggc	120
tacctgagg	gaaggaagca	caaaaggac	ccgctgcaga	ctcagggcaa	agggaatgcc	180
atcggtgctg	ggacctgtga	gcactacagg	aggaaacgcg	agcgtggtgg	gactggctcc	240
aggcacacag	gcgaagggca	agagggttgg	acacgaagcc	acaaagctac	ttgggttcct	300

```
ccttcttctc gtttgccctt ttctgcttct gctgcatgat ctccgagtc ctctgcttgc 360
ggcgccgagc agaaagcccg tcatctcggc gctttccctt aaccgagtcg ctctgctttt 420
tcatattctt ctggcgggcg agctcacgct ggttaccgcg ggtcatggcg acggcagcgg 480
ctccaacctg cctccgttac gtcccctcgt tccctcgtgc c 521
```

```
<210> 7245
<211> 2384
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2385)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1941)...(862)
<223> similar to gil255430 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 7245
tttttttttt ttgagagggt ccaatcaaca ttattgcct tattcttttt atctcattcc 60
tttttgaatg tgtttatctc ctaagatttt atctgtgat gaaatgggat gcctgtgaat 120
acaaaagttg cagtgggtgg accaggggtg ggggggtgcg cgggggccac catggtctcc 180
cctgagaggg ggtgctgtct taggtgcccc aagaggccct cgggcagcaa gcgtgggggtg 240
ctgccaaaat acagctcccc ctgggtgggc aggacacacg tggcctcctg gcagacaggt 300
gcctgggtga gcccgtgct cctgattagt catgaatggc acctgggtctg ggcgacagtc 360
acccgcagga agccctgagc tggccaccat caccctgggc agtggctccc ggggtgccaa 420
caagacctgg gcccctcgtt ctttgggtgct gagagcccca gctgaggctg tggaggaggc 480
cctggacctg gtctggtgtc tgtcagaggc aggtgcccag tcctttgact tgcttctctg 540
aattgtcata attgtgctgg aattgtgcc aaaaactggt gtgataacag ctcttggaag 600
gcctgtggct gctgagggtg gcctgggtccc cctcaggacg gccgggggag cctctccaga 660
agcaccagct ttgtctgcag gtggacgttg aaggggggca gttgggtcag gttcagactc 720
acacctgtgg tccccacgac gctggccagg acccggtgtg tgtccctgta gagggccagg 780
agcccagggg ccgcctccat gaggatgtgt gtgtatgcca gcatgcctgt ccccggtctg 840
acatcctccc tcttgctgta cctccaggcg ctggtgactt ggagaaaccg agacacacct 900
gtctgggcgg ctgccacgtc aatgtgcaga aggacgtctg tctggggggg caccagctgg 960
tgcagcctct gcattgcgac gccacctggg tagttgaaat gggacacata cagggccgtg 1020
gctgagtagg cggcattcac cagagggtgt ccgatacaaa gcagagaccc cgctttgtac 1080
agccaagact ttttatagtt attcagcagg taggagcagc ctctggcagc cgtgatgttg 1140
agcatgggga aggcatagat gatgaagcgt agctccttgt gtggcaggag ggagtagagt 1200
gccatgaagc ccagtgccag caccgtcggc gcgtgcgtcc ttctgtctac caagcccagg 1260
gggatgaaga gcaggctgca gccagggccg cggggcaggg ctgagtagaa gtaccacagc 1320
agcggggagg tccccagtt ggagcttttg ttcaggacag tgttgtagca aagcaccttt 1380
ccttccggcc aagttagctg ccgccaaaaa taagagtcca cagcaaccgt cagtcctaaa 1440
cagaggatcc ctgccgggac ggcgtggcga agggctctga ctacagaaac ctttcggttg 1500
cccaaggcca gcagcagcag gaggcccagg aacaggcaca gctccaccct gaacacgatg 1560
atggcgaagg ctgacagcca gatgaagcgg gccactcgt gccgcagcca ggccgcgagg 1620
gccagcagga ctacaggcag ggccagcaca ttgggcagtg tccgcgtgca gtagaacatc 1680
```

aggtggaact	gcatggccgt	cacccagcag	aacatggtgg	ccaccatggc	cccgaagtgc	1740
cgtctcactt	ccttttgtaa	cgtccagagt	ccaaaaatca	cgccgagtcc	aagcactcct	1800
ctaactatta	gctgagagta	aaacttggac	atcttaaca	gcgaaagcac	gtaaaccgcg	1860
gggctggaga	acactgcgat	caccactggc	ccgaggaacg	tcctggggac	gactccgggg	1920
aactcaagat	ggtcgtactg	ctccaggtct	tgccagtggg	agagcaggtc	atgtgtggcc	1980
tgcaggttga	agctctcctc	cactttgggtg	tagggacaga	tgaccaggtg	gacagtggct	2040
acggccacca	gcagccccag	cagcaggggc	cgctgcctg	atgacccctt	tccagccatt	2100
ccaggctttc	agcttcacgt	accttcacag	gccaacagtg	cgagacacca	gccgttagca	2160
ctgccactcc	acgcatgctc	cgcagctccc	ggcggcgctc	ttcgaagcgc	ggctgcctgg	2220
gccagcctcg	gcaggaagca	ggacggcgga	aacagaacag	agcccgaatc	taaagtccctt	2280
gcccaaatct	aaagtggcta	ccgcagcccc	ggcgcctacg	gccgcagaga	ccctctgtgc	2340
cctgagacga	aatcgtcgac	ncgggaattc	cgnaccggtg	cagc		2384

<210> 7246

<211> 1418

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1024)...(0)

<223> similar to gil050525 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7246

tttttttttt	attttttttt	ttggacaatg	cttttaatgg	caagtcacat	cagcaggtct	60
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cagccgctgc	ggcctctaga	tggtactcgc	tgagcacatt	gcgaggggct	gctgatctgg	180
tcccccttcc	aggcgggttca	ggaggggtgac	acacaccacg	gccgcttgga	ggccgcaggc	240
gctggcacat	ggcggggcaaa	caccgatgga	ctccatctcg	atattgcggg	acgccggctg	300
cataggctgc	ctccagatac	gcctgcttgt	ccttctccgt	gtaggagcag	agagcccat	360
ccagacggcc	ttgcccttca	tagaagtcca	aggtgcacat	ggtgttcccc	accactgtgg	420
tgaactcgct	cagctctgca	gaacacagca	acagctcctg	caccagcttc	ttgttaaggt	480
ccgttttccg	gatgacccgc	ttccccagga	caatctgctc	aaactctgcc	ttgaagcagg	540
tatccactgc	ctgctctgtt	atgaccacag	tgccgggctc	cagacctatc	ccaccagaag	600
tgccaatgcg	gatgatagtg	acgttggagc	accgggcata	gtacagcagc	tttatgagct	660
catgcaacat	gattgagata	gaaggaatgc	ccataccatg	actgacagac	agcaccggtc	720
ctactttata	catggcatag	cggtcagttc	ccgcacagat	gttgggatag	tctctacctg	780
ggcagtcaag	gcccagctct	gcaccaacgc	acctgatgaa	ggctttcatc	cgggaggggc	840
ttccaccaac	acacacaaac	ttcacatctc	caaacaaggc	tgggaaattg	tgtctgctag	900
tggtgagatt	gaaatgatag	agaatatctt	ctttcatatt	tgctatgttt	ggatttaaaa	960
gtctgacggg	gcaatcattg	tgactttcag	ctttctctgc	attggctccc	gtggccgcca	1020
ttccgccaac	tgaggcagga	cccgtcagag	gagagcggct	ggaggcggac	agacgtctgc	1080
agtgggaggc	gctccaggcg	ttccaggcag	tgtcctgccc	gcgagtcacc	cgcgaccgcg	1140
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cctcgactgc	cgacaccggc	gacaaacgca	atgctccagg	gccggacgaa	gggacggctc	1320
tcgggaggct	cgcggacggc	ggggcgcggg	tctgtgcgcc	ggagcactcg	aatgagggaa	1380
ccacttgcca	ggtgaatctc	atatggagtc	tgcgagcg			1418

<210> 7247  
 <211> 4120  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (252)...(1897)  
 <223> similar to gi3327192 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7247

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aggcaactga	ggagcagtta	aaggacattt	tctcggaggt	tggttctgtt	gtcagtttcc	180
ggctggtata	cgatagagag	acgggaaaac	ccaagggtta	tggcttctgc	gaataccaag	240
accaggagac	cgcgcttagt	gccatgcgga	acctcaatgg	gcgggagttc	agtgggagag	300
cgcttcgggt	ggacaatgct	gccagtgaag	agaataagga	ggagttaaag	agccttgggc	360
ctgcagcgcc	cattattgac	tcaccctatg	gggatcccat	cgatccagaa	gatgcccctg	420
aatcgattac	cagagcagta	gccagtctcc	ccccggagca	gatgtttgag	ctgatgaagc	480
agatgaagct	ctgtgtccaa	aacagccacc	aggaagctcg	aaacatgtta	cttcaaaatc	540
cacaactggc	ttatgcactg	ttgcaggcac	aagtagtgat	gagaatcatg	gatccagaga	600
ttgctctgaa	aattctgcat	cggaagatac	atgtcacacc	actgatccca	ggcaaacttc	660
agtctgtgtc	tgtctctggc	cctggccctg	gccttgcccc	tgggctctgc	ccaggacctc	720
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ggccaatacc	agctgcagtt	cccgagctg	gtcctgggtc	cttaactcct	ggaggagcaa	900
tgacgcccc	acttggaatg	ccagggggtg	gcccagtgcc	tttagagcgg	ggacaagtgc	960
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ctcgaggact	gttaggagat	gtcctcaaat	acccacgtgg	agggaacttg	ctttcagtca	1080
ctggagaagt	ggagcccaga	ggttatctgg	gtccacccca	tcagggtccc	cccatgcata	1140
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gagatcccag	actgctaatt	ggagagccca	gaggcccatc	gatagatcaa	aggggtctac	1260
ctatggatgg	tagaggtggg	agagattctc	gagcgatgga	gactcgtgcc	atggaaactg	1320
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gagggatgga	agcaaggggc	atggatgcaa	gaggattgga	gatgaggggc	cctgtcccca	1440
gttcaagagg	ccctatgact	ggtggaattc	agggtcctgg	tcccattaat	ataggggcag	1500
gtggccctcc	tcagggaccc	agacaggtcc	caggcatctc	aggggtgggg	aatcctggag	1560
ctggatgaca	gggtacaggc	atacaaggaa	caggcatgca	gggagcaggc	atacaaggag	1620
gagggatgca	gggggcaggc	atacaaggag	tcagtataca	aggaggaggt	atacaaggag	1680
gaggtatata	gggggcaggc	aagcaagggt	gaagccagcc	tagcagtttt	agtcctgggc	1740
agagccaggt	cactccacag	gatcaggaga	aggcagcttt	gatcatgcag	gttcttcaac	1800
tgactgcaga	tcagattgcc	atgctgcccc	ctgagcaaa	gcagagtata	ctgattttaa	1860
aggaacaaat	ccagaaatcc	actggagcgt	cttgaaagg	tttagaaaat	atttggctgt	1920
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cacacttgga	ttagggtttc	cctcctccta	gaacctaatc	ttattttttg	ttctttttct	2040
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cactttaagt	tactttaaaa	taactctgaa	catgattata	ttatgccaaa	taagattaca	2160
aagaataagc	agcaatattg	aagcatctac	agtatgttaa	ctacattttt	taaagtgcga	2220
gtaaaacttc	gtgaaaactg	ctcataaaga	ctaaaagttg	acctgttaaa	acgttaaatgt	2280

actaagatag	ttttaagatt	tttggttgta	taacaaaata	aaagtttacc	caaaagtata	2340
agatacattt	tttggttaa	cattttaa	acaaaatcct	attttggagg	caataggata	2400
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aaagatctga	gtttcttggt	atctgacgtt	tgtatacaga	tggtgtccat	ttgtcaacc	2880
agacaggagt	taacttgat	tagaattgtt	ttttctaaag	ttatgttacc	tgagaaatta	2940
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ctgccaggcc	tgcagcatcc	aagcatgatt	ttgctgtgac	aaatctaaaa	tcaaccaggc	3060
tacttaagtc	tgctctgatg	aaacccaata	atctctcaat	accttcctat	ttctcaatag	3120
tctttaaac	ctaaatctga	gtcagtaatt	ctcttacatc	cttcccaaaa	atcagtgtct	3180
agggactagt	tgatctggat	gagttataca	tgatatttga	cttttcataa	gtagtgggaag	3240
gtttcactaa	gtaaaactct	cagtttcttg	gtatctggct	ttcttataca	gatgggtgtcc	3300
atgtgtcca	ccagacagga	gttaaaaacc	tttaaaagagc	atttaacatg	ccttttagtt	3360
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ttatcaaata	tcaggtgatc	ttactatgga	gaagaaaaac	caatatctag	ttacagatga	3720
aaaaatgttt	aatacaaga	gctgaaaatg	tagaaattga	gttatcttcc	ctttgcaaaa	3780
tttttacact	ttaaattagt	aattctttgt	ttgcaagggt	ttcatcccta	tgctgttggt	3840
ttctactacc	tgttttactc	ttgttcatac	tgctactttc	cccatgtttc	cctatatgcc	3900
ctcccctata	ttggagagga	taactcgcgt	ttacatatgt	gatagttagt	cttaatacta	3960
attcacagag	ttggctcgat	cattttgaga	ttctagtgtc	tttatctcaa	agctttcact	4020
gaagggtgt	aactgaaaat	tattaaatgt	tagtctttag	tcaaatctct	gcattgtttc	4080
atgcagaaaa	taaagataca	attaaggctg	aaaaaaaaa			4120

<210> 7248

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (40)...(415)

<223> similar to gi311376 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7248

atccaatacc	ggagtgactt	ggaactccat	tctatcacta	tgaagaaaag	tggtgttctt	60
ttcctcttgg	gcatcatctt	gctggttctg	attggagtgc	aaggaacccc	agtagtgaga	120
aagggtcgct	gttcttgc	cagcaccaac	caagggacta	tccacctaca	atccttgaaa	180
gaccttaaac	aatttgcccc	aagcccttcc	tgcgagaaaa	ttgaaatcat	tgctacactg	240
aagaatggag	ttcaaacatg	tctaaaccca	gattcagcag	atgtgaagga	actgattaaa	300
aagtgggaga	aacaggtcag	ccaaaagaaa	aagcaaaaga	atgggaaaaa	acatcaaaaa	360





gtcacagact	gactgaggtg	atggtaggat	gaggaggaac	agatgccctt	ctttaattgg	1800
ttctcagtta	acttctcaga	ggctctggag	aacgggacag	tggctttcta	gcctctgaat	1860
gttccaaata	aaattttttg	gtcttggccc	ctgtactgtt	ttacctctaa	attctggcat	1920
ttttttttcc	ctgcaattaa	agtgctgtac	tttattttatt	gaactttatc	attgaaagct	1980
gtttggaaaa	cctaaaagat	gttgtcacac	ttctgttttc	tttacctgtg	ccttataaaa	2040
atggaccaaa	cccttttcta	aaataaaaata	gttctagggt	ggctgggttat	tgacctatgt	2100
aggtccctaa	aacctaataa	aaaaaa				2126

```

<210> 7250
<211> 2200
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1801)...(1176)
<223> similar to gi5912258 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7250						
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aggttagaac	ccaggatatc	cctctaccca	gcaccatagt	gagggtgggct	gaggggtaac	180
ccccaaagga	caatcgaggg	ggcctaggcc	tgccactcct	tctctctatc	ccccgttttt	240
ggcatgtgat	gaaaaatatt	gcttttttga	ttcttctctc	ctggccttgg	attttaaaat	300
caagttaact	gtgtaagcta	ggggagggctc	caaggggccca	gtaggagcac	actctaatac	360
ctctcccca	aggaggggat	tatccaatat	tgtttgagct	aggccaagtt	attttcctga	420
tctccacca	ccaccagtgt	cttgaagttt	tgaccccttt	cctagggaaa	ctaaatgccca	480
atgagcctag	aaaactaatt	ctcctctcca	agtccttccc	tcttgtgacc	aaaattccag	540
actcacctct	ccccaggctt	cttcctaata	acacttagca	ccagcagagg	atgctatttc	600
cgtagttagt	aactgggaca	aatgagaggg	aaccacagga	aaaagactga	cgtctcccct	660
cttttcctgc	tgggtctgag	aatgggaaga	gtaagatccc	cctccgtata	tgtatccctc	720
cctcattttc	ccatcccagg	atagatatat	aatttctttg	atatttataa	tatatatata	780
tatatatatt	atatgtacac	acacacctgg	taacgcagaa	gaggaaaaaa	atagaatccg	840
taacaataat	aaaaaaaaat	atttctgggt	taaaaatgat	ctggttccct	ccagggcgag	900
caattgcaca	aatgtccact	gagtctgggtc	cagggatcaa	ggaagggaag	gtcttaaaag	960
ataaaagggg	gggttgctac	cccagtctca	gggccccaac	tctccgactc	cccaagccta	1020
ctgcatttta	gaaaacactc	ctcatcctct	tggaatcggg	ggtttaaaaa	atgtccatgc	1080
acgggagggg	agccccttga	gggaagggaag	gtggccacct	ggggcccttt	ggtgtaggcg	1140
cagaggcggt	ggggagggga	ggtgccgaag	gtcacacccg	aaatctcata	ggtggtacca	1200
ccaacccctg	acaccttctt	gactcctccc	ctcgtggggc	tactgagagg	tggctggcct	1260
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<210> 7251

<211> 2251

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (198)...(1342)

<223> similar to gi4176370 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7251

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<210> 7253  
 <211> 1196  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (159)...(752)

<223> similar to gi673423 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7253

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<210> 7254

<211> 4888

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (39)...(1852)

<223> similar to gi3327094 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7254

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<210> 7255
<211> 1497
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (528)...(1224)
<223> similar to gi2624972 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gccttccttg	cacctcgag	caaagcagct	cggatagcgc	cacacgtctg	cgccctgcgt	180
gggaaggcca	gggctgacag	cacttcctcc	ccggggcaga	gacctggagc	ccgggtgcgg	240
cagtcctgcac	cgcgcgtcgc	tttcccggcc	ggagtctcgc	cgccttcccg	cgccccgcag	300
cgccccgcag	agcagtcgag	atgggtgagt	caagtgaaga	catagaccaa	atgttcagca	360
ctttgctggg	agagatggat	cttctgactc	agagttagg	agttgacact	ctccctcctc	420
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acataagtga	ggctgagcag	aggacaatcc	aggcacagaa	agagtccttg	cagaatcaac	600
atcattcagc	atctctacaa	gcataaat	tcagtgggtg	agcctctctt	ggttatggaa	660
caaatgttgc	tgccactggg	atcagccaat	atgaggatga	cttaccacct	ccaccagccg	720
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acttgataa	cagaggaaaa	aaagaaagca	aggaaactaa	tgagaaaatg	aatgctaaga	1200
acaaggaatc	cttacttgag	gtaagggttaa	ttttgcagag	tggaagaaaa	gagaaggacg	1260
tttgctctat	ttttaagtca	tttgcttccg	agaacaatgg	aaaaatctaa	agacatacac	1320



tgaaatttta	agttgggggtg	ttaaaatcaa	attattttcta	aattatagct	atttagataa	1380
ttcaactggt	tttctttttt	gagtcatttg	ttacaacatg	tggcttttaga	taaatgaagc	1440
tggatttgta	attcttgact	tttaaaaaac	tctagcattc	caagtttcca	ttactta	1497

```

<210> 7256
<211> 1970
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1706)...(1503)
<223> similar to gil710216 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

0046460 "0123450

```

<400> 7256
cgacctcccg agtagctggg attgcgggca cttgccacca tgcctgacca atttttgtat    60
ttttagttga gacgggattt tgccatgttg gctaggctgg tctcgaactc ctgacctcag    120
gtgatccgcc cacctcagcc tcccaaagtg ctgggattac aggcatgagc cactgtgcct    180
ggccgtggac cttcttttca aagaattatg gaggcttatt ttagttcccc taacttggaa    240
atctcctgag gaagaaaggt gactacaggc atttgtcaaa aatttgtaaa ggcaagttta    300
ttagcctctg ccacgggggg caaagaataa tagctaaggc aaacaataga cacacaaaaa    360
agcctgggag gaaaagctgg aaagtaagat attttggaga ataaaggctt ttaaaacttc    420
cacatattct tgggaatcca aaaggccaca tgtacatgca gggtgagcaa atagagaaga    480
cttgagaaag ccttaaactc tcacctctgg ctaaccatca ggcttgctca aataggaagt    540
gaaaactaag gtgaatttgt tgcttagctg aatgttgaag gtgtgcccc acaacttacac    600
agagcctact ggtaaagaca gagtgttttc tttttgtctt ggtttcaggc atttaaggaa    660
atctgtttct cttttggatc actagctgca aattaagcta acagaacagg agctcagctg    720
gtcacacaca gcaacgaata cagactttat aaagttcaga aaagttacca aacagtggta    780
accataacaa gtaccaacaa tgaactatgg ggagggagga gaatctgatt tccagagtta    840
ccacattata atactattca aaatgtcaca tttttagcaa agattacatg acaaggaaaa    900
accagaaaag tatggcccat acacaggtaa aaaaagaaat taatagaaac taccctgaa    960
gaagcacaga cttcggatgt acaaaacaaa gacttttcat caactctttt agatatgcta   1020
gaagagctaa aggaaaccat ggacagagaa caaaaaaatt aggaaagcaa tgtctcatcc   1080
aatacagaat atcaataaag agattgaaat tgtagaaaag aaccaaatag aaattctgga   1140
gttgaaaagt attataacta aaactgaaaa ttacttagag gtattcagca gcagactgga   1200
gaagtcagaa gaaagaatca acaggcttca agatagggtca attaaagatta tacagtctga   1260
ggagcagaaa ggaaaaagaa tgaagaaaaa tgaacagagc ataaaagacc tctgggactc   1320
tatcaagcat accagtatat gcatgagggg agtcccagaa ggagaagaaa gagagaaagg   1380
gacataatat ttgaagaaat aatggtagaa aatgtcccag ctttgatgaa atacatgaat   1440
ctagatatto aagaggctca aagaacccta aatagggtaa actcaaaaag acccacaccg   1500
gaatgcaaaa gtgagctggg tgtggtggca cgtgcctgtg gtcccagcta ctcgagggc   1560
taaggcagga aaatcgcttg aaccagggag gcagagattg cggtgagccg ggattgcgcc   1620
agtgcactcc agctgggcga cagagcgaga ttccatctcg aaaaaaaaaa aaacaaaaaa   1680
cctttggctg cagcctttca aagggaaagg gggaaagaat aatattacct gatttcaaaa   1740
gggacttgaa aatgggaatc attttttttg ctgaaaaaat cttaactctt tgaaattact   1800
ttttgtggct gtggccatac tctaaggggc caaactgcgg aaaatttttt atcaggggaag   1860
gggaaccatg tgttttgttg tttgggaaat ttttatcaag aatcttcaaa aaaaataatt   1920
tcttgcttta tcttcaaaaa ctggaaggga agggtcaaag aaaagacagt   1970

```

```

<210> 7257
<211> 1266
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (352)...(1024)
<223> similar to gi396170 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7257
agcttggtctc tgccttctgc agtgtgagta acacactgaa gccagaagct gtgggctgtg      60
gggaagtggc tgcattcgcca cccaaggac cctggacttt gccagacgtc aggggttgaga      120
ggagccacta gcacccatccc agagctgtca gcaccggcct cagcccaggc ggctctctcc      180
ctgagcttcc tgtaccctga ccctctccag cctcagacct gagacagggc tggacaagga      240
agcagagagc agaagaaaag cagaagcgaa gctcagatct gctgggagga gactacattt      300
tgtccctccc tgggggtcttg cacagtggca ggtgacattc gtgttacagg aatgactgcc      360
agggcctggg cctcgtggcg gtcttcagct ctgctcctcc tgcttgctcc aggctatatt      420
cctctgagcc accccatgac cgtggcgggc cccgtggggg gatccctgag tgtgcagtgt      480
cgctatgaga aggaacacag gaccctcaac aaattctggt gcagaccacc acagattctc      540
cgatgtgaca agattgtgga gaccaaaggg tcagcaggga aaaggaatgg ccgagtgtcc      600
atcagggaca gtccctgcaaa cctcagcttc acagtgacct tggagaatct cacagaggag      660
gacgcaggca cctactggtg tgggggtggat acaccgtggc tccgagactt tcatgatccc      720
attgtcgagg ttgaggtgtc cgtgttcccg gccgggacga ccacagctc cagcccccag      780
agctccatgg gcacctcagg tcctcccacg aagctgcccg tgcacacctg gcccagcgtg      840
accagaaagg acagccccga acccagccca caccctggct ccctgttcag caatgtccgc      900
ttcctgctcc tgggtcctctt ggagctgccc ctgctcctga gcatgctggg tgccgtcctc      960
tgggtgaaca gacctcagag aagctctata agcaggcaga attggcccaa ggggtgagaac     1020
cagtagcatc tgctgtccat caaggccctg tgcttgcaac agagcccttt tgggggaactt     1080
ggaatgacct cctgaccatc aaggcctgca acagagcccc tctggggggac tggaatgacc     1140
tctgaccac tcctcccggg gctgctctct ccaacatctc ctggaatcct ttgtgagcct     1200
ccttcagcct tttccctgtg cccgatccaa catgtgacac atgaggactt tagagcacia     1260
tggatc                                         1266

```

```

<210> 7258
<211> 1761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(1359)
<223> similar to gi29391 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7258
ctgagtgggtt gttagccaag atggcggttag cgatcgctgc agcgaggggtc tggcggtctaa    60
accgtgggttt gagccagggt gccctcctgc tgctgcggca gcctgggggt cggggactgg    120
ctagatctca cccccccagg cagcagcagc agttttcatc tctggatgac aagccccagt    180
tcccaggggc ctcggcggag tttatagata agtttgaatt catccagccc aacgtcatct    240
ctggaatccc catctaccgc gtcattggacc ggcaaggcca gatcatcaac cccagcgagg    300
acccccacct gccgaaggag aaggtgctga agctctacaa gagcatgaca ctgcttaaca    360
ccatggaccg catcctctat gactctcagc ggcagggccg gatctccttc tacatgacca    420
actatggtga ggagggcacg cacgtgggga gtgcccgcgc cctggacaac acggacctgg    480
tgtttggcca gtacgggag gcaggtgtgc tgatgtatcg ggactacccc ctggaactat    540
tcatggccca gtgctatggc aacatcagtg acttgggcaa ggggcgccag atgcctgtcc    600
actacggctg caaggaacgc cacttcgtca ctatctcttc tccactggcc acgcagatcc    660
ctcaggcggt gggggcggtg tacgcagcca agcggggccaa tgccaacagg gtcgtcatct    720
gttacttcgg cgagggggca gccagtgagg gggacgccc tgcgggttc aacttcgtctg    780
ccacacttga gtgccccatc atcttcttct gccggaacaa tggctacgcc atctccacgc    840
ccacctctga gcagtatcgc ggcgatggca ttgcagcacg agggcccggg tatggcatca    900
tgtcaatccg cgtggatggt aatgatgtgt ttgccgtata caacgccaca aaggaggccc    960
gacggcgggc tgtggcagag aaccagccct ttctcatcga ggccatgacc tacaggatcg   1020
ggcaccacag caccagtgc gacagttcag cgtaccgctc ggtggatgag gtcaattact   1080
gggataaaca ggaccacccc atctcccggc tgcggcacta tctgctgagc caaggctggt   1140
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ttgagcaggc cgagcggaag cccaaaccca accccaacct actcttctca gacgtgtatc   1260
aggagatgcc cgcccagctc cgcaagcagc aggagtctct ggcccgccac ctgcagacct   1320
acggggagca ctacccactg gatcacttcg ataagtgaga cctgctcagc ccacccccac   1380
ccatcctcag ctaccccag aggttagcccc actctaaggg gagcaggggg acctgacagc   1440
acaccactgt cttccccag cagctccctc taaaatactc agcggccagg gcggtgcca   1500
ctcttcaccc ctgctcctcc cggtctgttac attgtcaggg gacagcatct gcagcagttg   1560
ctgaggctcc gtcagccccc tcttcacctg ttgttacagt gccttctccc aggggctggg   1620
tgagggcaca ttcaggacta gaagcccctc tgggcacatgg gtggacatgg caggtcagcc   1680
tgtggaactt gcgcaggtgc gactggccag cagaggtcac gaataaactg catctctgcg   1740
cctggctctc taaaaaaaaa a                                     1761

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```

<210> 7259
<211> 5716
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (331)...(4331)
<223> similar to gi3043626 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7259
agcgctcaaa ccacacgcac cgctgctcgg ggcttgagga tttgcgcagg ctgggctccc    60
ggaccggcg gaccgacgcg cggaggatcg ggatccggcg ctgtgggggt ggggtgggcg    120
ggggaggctg cccccggtgc ctttggcgcg acaccgcat gaggacgcga gtgaaatata    180

```



ttaagaaaca	gaatactaca	taatgaccca	gaagtagaaa	agaaacaagg	ctggatcact	3660
gttggggact	tggaaggctg	tatacattat	aaagttgtta	aatatgaaag	gatcaaattt	3720
ttggtgattg	ccttaaagaa	tgctgtggaa	atatatgctt	gggctcctaa	accgtatcat	3780
aaattcatgg	catttaagtc	ttttgcagat	ctccagcaca	agcctctgct	agttgatctc	3840
acggtagaag	aagggtcaaa	attaaagggt	atTTTTTggtt	cacacactgg	tttccatgta	3900
attgatgttg	attcaggaaa	ctcttatgat	atctacatac	catctcatat	tcagggcaat	3960
atcactcctc	atgctattgt	catcttgcc	aaaacagatg	gaatggaaat	gcttggttgc	4020
tatgaggatg	agggggtgta	tgtaaaccac	tatggccgga	taactaagga	tgtggtgctc	4080
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cataagcgag	ctcaaagggt	aaagtttcta	tgtgaaagaa	atgataagg	atTTTTTgca	4260
tccgtgcgat	ctggaggga	tagccaagtg	tttttcatga	ccctcaacag	aaattccatg	4320
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agaacataac	tcatgtggac	ttatgccagt	ctagaggcag	aatcagaagg	cttggttgaa	4440
catatcgctt	tccctttttc	ctctccctcc	gcccctccca	gtacagtcca	tctttcaatg	4500
ttgcagcctg	gttgagaagg	agagaaaaag	gtggcaggaa	tttcccagga	gatccccaa	4560
aatgctgcct	tgtctgtgga	caaagatgga	ccatgtgccc	ttcggaatta	gggatagaaa	4620
caaataattgt	gtgctcttaa	cgattaagct	gtgttatggg	gggttttcag	gtttttacct	4680
tttttcttta	cccctttact	ctgcaagaat	ggggaaagaa	tgcatactgc	gaaaatgagt	4740
cttttaaatt	ctgtctgcct	actagtttta	agtatatggt	atgttgtaaa	atttccaatg	4800
atgagagaca	gcacaataaa	tgtaccttat	ctccttaggc	tgaaggccat	aactacatag	4860
tggagtaatt	taagaactct	cttgccctca	ccaacccaaa	aggttgcttt	ttgatagcaa	4920
ctggctaattg	aattttttaa	aagagaagaa	aaatactagt	tttcccctct	tttgggaaat	4980
agatttttaa	tggctaaact	actagcctta	aaactactag	tctaataaaa	tcaactacca	5040
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acaggatact	aacgccattg	agttgagctg	gcctagcgat	ggagggacac	tctaacacaa	5160
ctttccctca	gctattatgc	aacagatcag	ggaaaaagat	gggatgacag	atggggtcag	5220
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cagctaagag	gtcacttggt	ttgggcttca	ttaggactga	gactttgttg	agttctttct	5340
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ccactttctc	aagatgaaaa	ctgtgactga	aaaaattaat	aataaatggt	tctgagcttg	5460
cctgtgttct	cccctgtgtg	ggtgagagaa	gggactagac	tccctaaagc	ctgcctcaga	5520
tacaagaggc	atcattggct	ccaattttag	agaacttgaa	agcaaggctt	tggacaaaat	5580
tttgagaccc	taatcacttt	accttcctcc	aaaattaccc	aacatacggt	aaacaacatt	5640
tgtgcagaag	tatgtatgta	tttagttcag	gttgacttgt	gtccttataa	actcttactc	5700
aatgatttg	aacttt					5716

<210> 7260

<211> 1550

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1222)...(614)

<223> similar to gi2143254 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7260

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gagaacaaac	aaaaataccc	cagaccaaaa	tgcctgaaaa	atcaagggtcc	tggttgacca	180
aaggatttctt	aaagaaaaca	tgtggctggg	gtgaggagac	cccaatgcct	gaacgagacc	240
ccagagtgga	aggaaaaaca	accagaaat	gcaaatccga	agtccttgcc	cacggggccc	300
ccccacgctg	tcaaaagcga	ggcaaagggc	ttcacagctt	tataggggt	ggggttgatg	360
gcagtagctt	aaataataac	gggaggaagg	agggttttta	tacttcagct	ttttttttgt	420
ctgccccctt	cttctcttac	gcggaagagg	agagactggg	agcttgagggt	taaggagaaa	480
acagtatttc	ccccccactt	ctttaatagg	caaaccatct	agaaatggac	tgtcataaaa	540
aaatgccaga	tcccacctgt	gacctgacag	cccccaattc	ctagagaggt	gagagctgtc	600
gtgtggcagg	ttaggagagg	tgccaacctt	gggcatgcg	gcttcttggg	aaataacagc	660
tccagcgaga	aagaattggg	gtgagggaga	ggatgggggc	cagaatgggg	ggacccttaa	720
gtggtaccaa	aattagctgc	cgtttggtcc	ctgctggtgg	gtccctgggg	tggaaagcat	780
ggcaaggagg	gggttggggc	tgaatggaga	agaaagttag	atgctgataa	aaaaaaaaaa	840
acacccttct	cagaggggtcc	acggccctgg	ttctgaagag	tagaaaatca	acaggatcaa	900
gcagagggct	ttcctgggtc	acccctgctg	aaccccagct	cagttccggt	gagggatcaa	960
tgctgectgg	agtaggggaa	tgggcaggcg	gcccagtcgg	gaccctcggc	tcccggggga	1020
gaggggaggg	gtgggcgtgg	tgggctctcc	ccggccctcc	cccggttcca	cttcccttcc	1080
tcccggccgg	cccggccccc	gcttggecca	ttgcagggca	gcacccagtt	gttatcgtgg	1140
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cgctccgtaag	gcaggtcatg	gtggtagggc	ttgggggtgc	agcggcagag	cgacacgtcg	1260
cccttctcgt	atctcttgcg	gcactgtttg	cacggatctg	cgcggtagag	cgggtctcgg	1320
ctccagcgcg	agtctgtggc	ccgcacgcc	aacggctcga	tgatgccctt	gaagtgggtg	1380
caggtgcact	tgagggcggc	cagcgcgcgc	gtgggcagga	agctgaagat	cttgaccagc	1440
acgtgctcgg	gcagcagcag	catgtactgt	cgcggtccca	gcagccgctg	aatcttgaag	1500
cggatctcta	ggaagtcgtg	cgacacgtgc	cggatacaagc	ggcacagggg		1550

```
<210> 7261
<211> 6742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (220)...(1877)
<223> similar to gi5689383 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7261						
cgcgcgccaa	tgatgactaa	ggctgtgccg	gaggaacccc	gaaagccagg	aaggctgacc		60
caggccctga	actcaccctt	cacctgggag	catgtttgga	tttgcgctcc	cggcggcact		120
cctgactgtc	tgacagacac	cttcagagtg	aagaggccac	atctcaggcg	ctctgccagc		180
aacgggcatg	tccctgggac	tcctgtctac	agagaaaaag	aagatatgta	tgacgagatt		240
attgagttaa	agaagtcatt	gcacgtgcag	aagagcgacg	tggacctgat	gagaacgaag		300
ctccggcgcc	tggaggagga	aaacagcagg	aaggaccggc	agatagagca	gtcctgggat		360
cccagccgcg	gcacggattt	tgttcggact	ctggcagaga	aaaggcccga	tgccagtttg		420
gtcattaacg	ggctgaagca	gaggatcctg	aagctggaac	agcagtgcaa	ggagaaggac		480
ggcaccatca	gcaaactcca	gaccgatatg	aagactacca	acctggaaga	gatgcggtatc		540
gcccatggaga	catactacga	ggagggtgat	cgtctccaga	ccctcttggc	aagttctgaa		600
accaccggaa	agaagcccct	gggggagaag	aagacggggc	ccaaaaggca	gaagaagatg		660
ggcagtgccc	tcctgagctt	gtcccggagt	gtccaggagc	tcacggaaga	gaaccagagc		720

ctgaaggagg	acctggaccg	cgtgctgagc	acctcccca	ccatctccaa	gacacagggt	780
tatgtggagt	ggagcaagcc	ccggctgctg	aggcgcttg	tggagctgga	gaagaaacta	840
agtgtgatgg	agagctcaaa	atcacacgcc	gcagagccag	tcagatcaca	cccgccagcc	900
tgccttgcat	ccagctctgc	gctgcacaga	cagccacgag	gggaccgcaa	caaggaccac	960
gagcgtctcc	gaggggctgt	gagagacctg	aaggaagagc	ggaccgcgct	gcaggagcag	1020
ctgctgcaga	gagattttgga	ggtgaagcag	ctcctgcagg	cgaaggccga	cctggagaag	1080
gagctggagt	gcgcgaggga	gggcgaggag	gagaggagag	agcgagagga	ggttttgaga	1140
gaggagattc	agacacttac	cagcaagctc	caagaattgc	aagaaatgaa	gaaagaagag	1200
aaagaggatt	gcccgaagt	tcctcataag	gcccagagc	tcccagctcc	cactcccagc	1260
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cgctccccct	gctctgatgg	gagaagagac	gcccgcggcca	gagtcctgca	ggcccagtgg	1380
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ctgggtctttg	gcatttttga	tttagaatta	ttctaacttt	atacataatg	tataggccga	6360
tcttttgga	gggataaggt	tttcattctt	gtgcaactca	ttattctcat	tattggcctt	6420
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gccagctgga	gggacgggtc	ccgccgccag	ctccctgcca	cgcatgaact	cggatacatc	6660
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tccacggttc	cgtccccaac	ac				6742

<210> 7262  
 <211> 1057  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1058)



09400725-04100

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (260)...(501)

<223> similar to gil916010 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7262

ggcggatggg	gaaacaattg	agattgaggg	aggcaggcag	agcggagcga	aaacaggagg	60
acagaaatag	cgaagcaagg	ccaagatcgg	gacccccacc	agggaggtgc	ccagtacaga	120
catgaaagta	aggcgggaaa	gcagctcaag	cctcaccac	cgccctgccc	ccagccccgc	180
cactcccagg	ctcctcggga	ctcggcgggt	cctcctggga	gtctcggagg	ggaccggctg	240
tgcagacgcc	atggagttgg	tgctggtctt	cctctgcagc	ctgctggccc	ccatggtcct	300
ggccagtgca	gctgaaaagg	agaaggaaat	ggaccctttt	cattatgatt	accagaccct	360
gaggattggg	ggactggtgt	tcgctgtggt	cctcttctcg	gttgggatcc	tccttatcct	420
aagtcgcagg	tgcaagtgca	gtttcaatca	gaagccccgg	gccccaggag	atgaggaagc	480
ccagggtggag	aacctcatca	ccgccaatgc	aacagagccc	cagaaagcag	agaactgaag	540
tgcagccatc	aggtggaagc	ctctggaacc	tgaggcggct	gcttgaacct	ttggatgcaa	600
atgtcgaatg	ttaagaaaac	cggccacttc	agcaacagcc	ctttccccag	gagaagccaa	660
gaacttgtgt	gtccccacc	ctatcccctc	taacaccatt	cctccacctg	atgatgcaac	720
taacacttgc	ctccccactg	cagcctgcgg	tcctgcccac	ctcccgtgat	gtgtgtgtgt	780
gtgtgtgtgt	gtgtgactgt	gtgtgtttgc	taactgtggt	ctttgtggct	acttgtttgt	840
ggatggtatt	gtgtttgtta	gtgaactgtg	gactcgcttt	cccaggcagg	ggctgagcca	900
catggccatc	tgctcctccc	tgcccctgtg	ggccctccat	caccttctgc	tcctaggagg	960
ctgctttggt	gcccgagaac	cagccccctc	ccntgatttt	aggggatggc	gtaggggtaa	1020
ggagcaaggg	gcagtggtn	tcaagtngtt	ttnggtt			1057

<210> 7263

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1022)...(402)

<223> similar to gi29505 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7263

ttttttgatt	ttaaattctt	aatcaaattc	caaaggttat	cagccatatt	acatgccatg	60
attagctttc	tataagcaat	tttttttact	gtgtacagat	cggtgtcaat	gaaataaaaa	120
aataaaactg	tatactaggc	aaagaacttt	attaattctt	gtttcaaact	tgattcccag	180
gcttcttcgg	cttaattagc	tgcaaagaat	gaattgtgta	taagcaaaaa	ctgaaaagag	240
ctgcagtgtc	caaggggctt	gggcttaaaa	atattagaga	tctagatttt	atcagatcca	300
taacaaaaaa	tttcttaaaa	agcagtcata	atataaaata	gcagctccca	gctcccagta	360
acttcttcag	gttttatctt	cagaagttga	ctcaattcag	tttgccctcat	tcttgggaagc	420

ctcatcaaaa	ttctccacaa	gatctggaac	ttcatcatca	tcacccctctc	cagtagcaag	480
tggtgctttt	ccatccacag	attgtttggg	cagagcttcg	gccagtctcc	ttaaactagt	540
cagactatcc	gcaccaagct	ggtttaagat	gctgggtagc	atctctgtca	gctgctttgt	600
ctcagcatgg	cctgtaatgg	tgaaagtgtt	cgctgccaga	gatgcctgaa	ctttagggtt	660
gttaaagtgg	atcactgttc	cttggtttgt	aaacatattc	acctcttcaa	taccagagat	720
attgtttacc	cctaacttct	ttaaggagaa	ctgaagtttt	ttgtcatctg	ctgtggctgt	780
tctatgaacc	accttcttct	ttctgcgagc	agttcctttc	ccaccaatgc	gcacttgtgc	840
ctgcagtttg	gcgagttttt	cctggttcat	gattgtttct	ttcatctgag	gctcctgtcc	900
tcgggttccg	ccgcgaggtg	gaggttgaga	cagcgtcgcc	tcgccccag	ggcagccgcc	960
cctggctcga	cctcgcctcc	gagagtcagc	ctgagcgggt	gcgcctgtcc	gtcgcacgcg	1020
cttccttctc	ctcctctgcc	ctgtccctcc	ctgtctcgct	ccttcaggga	acttcccgcg	1080
cccgtcccg	tcctcctacc	acgccgcggt	ccagagcctt	tttgtacctt	gtcggagcga	1140
ataaggggcc	g					1151

<210> 7264  
 <211> 1071  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1046)...(527)  
 <223> similar to gi454248 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7264	
tttttttttt	ttcaaaactga gaaaggtttt acttttaaga caaaacaaat agcattaaca 60
cacatccaaa	tgccagtgca ggagttcact ggggtttataa aagagaaaac taaactcaag 120
tgtcaaataa	aaactggagc cgtcaagaat gactgcttgt ggcaacacag gtgtaacatg 180
tgcttgtcta	aagtcgttct gtgtttgtgg atatgtggaa atgcatgacg agggaaacga 240
tgcaaggcaa	aatggcaggt gctcaaagct ttaagatcct tttcttcacg cttgtgtgct 300
cttggtttgc	ttttgagaat tagggtaatt cgcaggtcat tttacaaaga actgtaatat 360
caaagaacac	ttccaaacgg ctaaaatagg ctcaagggtca ctattaaagt gataaaggga 420
ggtccgtggg	ggaaaagttt gtgttctcaa aagccagatt tcacaccatg gcaggcacta 480
aatctagtta	catgtgcttg cagtagaaaa agaagacact gatcttaata gaggctggtc 540
tttttcatga	tgcgcaggaa ctcttgctca ctgacctctc catctccatc tcgatcagct 600
tcatcaatca	tttcctgcag ctccctcatca gtcagggtct caccacactc cttggccacg 660
cgtttcagat	ttttgaacga aatcttccca gtttcatcat catcaaagag cttgaaaagct 720
ttcaggatth	cttcttttagt atctttctca gacatthtct gggatcatcac agttaaaaag 780
tcaccaaagt	tcatttttcc tgtcccttcc ttatcaattt cacttatcat tttcttaatt 840
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atggtgccag	ttccatccgc atcgaaaaga tcaaaaagctt cccggatctc ctgcttttgc 960
tcttcagtaa	gctcaggctt agggctcatt ctttttctgct gagaacttga tgccatgttt 1020
gccttcttaa	agttggaggc catagccaaa ggagtccgct gctcggttgt t 1071

<210> 7265

<211> 2118  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2078)...(1745)  
 <223> similar to gi5262653 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7265

gctcgacttt	tttttttttt	taacaaaact	aagatggaca	tttcacacaa	cgagagagcta	60
cgagaacatc	tcttatgctc	cttgccatgg	gatttttaatg	ccccaaagggt	cataactaca	120
gcaaagaaag	taagtcaaaa	ataaactgag	cttaaagaag	gtggcaggcc	aattttccca	180
aaaagactgt	ggactgtggg	ctgctgtgta	gcctttgcta	cgaggctgag	gaagcagaag	240
aaagatgaat	tgggcaattg	gtgatgaaaa	gtatttgcca	ttttcaaagg	cttctcagtg	300
tggccataga	ttttgctagt	caatttttaa	aaaattatat	ttttagctca	acacacagct	360
ctaaagcagg	gttcagtgtg	gtgtgttctc	taccgaaatg	gttatataca	gatgggtatgg	420
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ttccccctcc	acttaagtta	tatttgccta	acacataatg	gacaaatcaa	tagagccaaa	720
gcaaatttgc	aaaaggctca	ggtcaacatg	aaaattttta	ccttagtatt	aggaaactct	780
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caataagaac	tttagacaag	ggcagtgcat	ctctggttta	agaaaaccta	tttgtagctt	900
gattataata	aattaactct	attctagatg	atggtttaat	tttacaagca	gcatttgaaa	960
cacattgtat	atgtatgctc	aaaacctgaa	aaccaattca	ccagtaacaa	ttctcaatca	1020
gtaacaaatt	cctactttta	ttgtatatgt	cacatacttt	tagtgtctac	gttaaataaa	1080
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ttggataaaa	tggcatgaaa	cacaaatggc	attaaatagg	tcatctattt	cacgtaaaaa	1500
taaaatgact	agcacctcct	tccggctccc	aaagtgcag	gccctaacag	gccacatgaa	1560
acatggttta	tgatagtaag	tttcattatt	catacagtat	tgagaaatcc	attacattag	1620
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gtgaatttac	tcagctcact	gggctgatta	acccaggacc	acaaagacat	cgtcttctgc	2040
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gcataagcat	gctcaaaag					2118

<210> 7266  
 <211> 6703

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc feature  
 <222> (213)...(1465)  
 <223> similar to gi2662087 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7266

attgattcta	attagcacat	tttgtgcctc	agctagtagc	tccccgttaa	gctctgcctg	60
gagagttttt	ttttagattc	catcctgctc	ataaacactg	ccacctcctc	cctccttctc	120
tctttacaaa	tgttacaa	caatcagaaa	tttctctctt	tctttccttc	ctgcattttc	180
agcaggttcc	cttgcgtcag	aagcccagga	ggaaaaactca	aggttttctc	acgatgagtc	240
ggaggaggat	atcgtgtaaa	gatctgggcc	atgctgactg	ccaaggggtg	ctgtataaga	300
aaaaggaaaa	gggaagtttc	ctaagcaaca	aatggaaaaa	gttctgggtg	atactgaagg	360
ggctgctact	gtactggtat	agcaatcaaa	tggcagagaa	agctgatgga	tttgtcaacc	420
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<211> 2469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (269)...(1127)
<223> similar to gi726136 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<211> 4434

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

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<223> similar to gi2204215 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 7271
<211> 2957
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(1156)
<223> similar to gil770163 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 7272

<211> 3255

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (516)...(2409)

<223> similar to gi3327216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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 <211> 5523  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2238)...(3309)  
 <223> similar to gi2887433 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ccatccgaag	gggctgaaa	ctgaagaaga	ccacgacaaa	cgatcgctca	gccccctcgt	3300
tttcttaggt	tcacaagaaa	tgcgccgggtg	gggaatgaac	tgtttcatta	ataaaaccta	3360
atgtgtcttg	atccattcca	ctctataata	aaacaaaaga	ttttgtaggc	aactcggaat	3420
atagctcttt	tgaagttact	cgacaccttt	agataagaat	taaaaccaac	ctatgtaact	3480
gacataatct	tgatctttta	atttgtaaat	attgacaatt	ttctttctgc	acattttaat	3540
cttagtttcc	cttttgattt	ttctgaagg	gccaaattcc	atttaacttt	tttacaagtc	3600
tttgtaaaat	tttaaatgca	taaaggggg	tggggcagg	gaaccacgaa	gtagttaatt	3660
ttagaaaagg	atttactata	cttcaactct	cttttttttt	ccccacaagc	ttttgtagat	3720
gcattgtagt	agtctagctt	agaagcaaat	gcaagttatt	ttaatgtaca	aactaaatgg	3780
gtaagaggta	aaatcttcat	ttaaatatac	tatgttctgg	atgaaaagag	caggagtaac	3840
aattgatgag	caatattcag	agtgaagtaa	atctggaaat	ggtagactgt	gttgggattg	3900
gggggagggc	catgggagg	gtacatcgtc	aacatagccg	atcctgttac	atttaagagt	3960
agcctcgtag	gttgaatttc	ttctggtagc	ttcatggtaa	atgcatccga	ataagccata	4020
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ttcctctgga	ctgcacacag	caccacacac	cagccccatg	catgctgctg	cctctgggca	4140
gtcgtagaat	ctcccacttc	agtttctcgt	tgattgtact	cacctttatg	gaatccaaat	4200
acatccaaaa	gggtaaggca	gttttaaaaa	tgtgaaaaca	tttaaaaatg	ataatagcag	4260
ggaattctta	gattatagta	aatgcctttt	acttaactgt	gccagcagg	ctgggtgcgt	4320
taaaaagccc	aagtattttg	aaaaaactcg	aacagatttg	acaagggtag	ccagcttgga	4380
gtctagcaac	ttgccaatgt	gtttaccaat	ctgggggctt	gtttttcttt	tcttctttca	4440
aataaatggc	agttaactgg	ctttacagta	aacattgaag	agaggaggat	ttgtttattg	4500
tcactgggaa	tctgaccact	atactgtcct	ttttttgtat	tctgggtaaa	tgttttttgg	4560
aaaagatttg	tcttttctaa	gtggaagtta	aatttgttat	actgcccac	ccctaaagcc	4620
aacagagatt	tgtagattta	aagggatcac	atttgaagac	aatagtgttt	aagaaagcaa	4680
gcaagtccct	tagcagtcag	gtcataacag	ggcacatttc	tgaccgaacc	ctctcaaggc	4740
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gtcattgttc	tatatattaa	cattgaacac	tgctgcgatt	gctcaaggac	attttatgtt	4920
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aaatcgctgc	caaggtaatc	acaatagata	aaagtgggat	tttaaaccct	tgaaataaat	5160
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atctgaataa	ataaaatgtt	gccaaattca	atgtagaaag	aatgtgacaa	cacaccttgg	5280
gtagttctgc	ttgtgttttt	gcatattgta	aaagcagtg	cacagctaaa	aagaaagaaa	5340
tcgtttctaa	cagtaaat	ttgtgcttta	gttgctagtt	tgtactgaga	gttgacctct	5400
ccctgtgcag	ttttttgttc	taaacttgta	taaataacaa	ttgtgtaatg	tgtctccctc	5460
ctacattgta	acaattgctt	cagcctacgt	tataaataaa	gaaccactag	attaaaaaaa	5520
aaa						5523

<210> 7274  
 <211> 1980  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1921)...(724)  
 <223> similar to gil707507 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7274

tttttttaaa	ctatattagg	caaacatatt	cctttattta	gattttatat	tcacatttag	60
tttttttatg	cacacattta	agactttata	aacactaaca	ttagcaattc	cagaagggtg	120
ggtagatttt	tttaaataata	attactctta	taaaagggaag	aaatagagac	tttactaatg	180
gactgtattt	ttgacttcac	ctataatgca	actaatcatc	tacttagttg	ctatgttaat	240
ctatttgctt	cttcagcaaa	ttatcactga	ctcagtgggt	taaaacaaca	caaatttacc	300
atcttatggg	tctgtgggtc	agaagtttga	cattgatctc	actgggctaa	aaagggtgcca	360
gcaaggctgc	attcctttct	ggggactcta	atggagaatc	tgtttccttg	ccttttcaat	420
ctttttttac	aggccccctt	cattccttgg	ctcaagggtg	cttcctcctt	caaagccacc	480
ttttaacttc	cttcaaaaagt	agttgtcttt	cttatacagg	atcactctga	cctcctcttt	540
tgcctccctc	ttcaactttt	aaagatccct	acaattatat	taggccctcc	aaagtaattc	600
aggataatct	ccccatctca	aggcccttaa	taacatttta	aattaatcac	ttctgcaaaa	660
ttcttttgca	atgtggcata	acatattcac	agttcctgag	aattaaaac	attggcatcc	720
ttaggcaaat	ctgcttaact	ttttcaattt	agctcatat	ctttttttac	tccaagatag	780
aagagtgatg	tttaaagtac	tcaagttaca	gccagcattt	accaattcct	tgattcgact	840
ttttaaaagta	cttatgcttg	aatccagaac	ccgaggattt	tcgattattt	gtgaaatgct	900
aatgttttct	tccatgaggc	agtctatttt	atcattaaac	tttttctctg	ccaagaagat	960
cacatctgga	tagcttaaga	caaacttctg	tacctcttct	tcagtacatc	caagagaaaa	1020
cagcttctct	ttgatgtttg	cgtagcttct	tctggcatag	tcattggaaa	ggtctaggat	1080
ttcagctcct	ggaccacata	tcagaaccag	cagttcctca	ctgttcaaat	tgaaagttga	1140
ccgtaagaat	tcaatgttag	ctttcaccgg	cttgggtgctc	tgaattaaga	taaaagggtt	1200
tttaaaaatt	atcttttctga	caaaaatctgc	gggatcattg	tgacccaatg	acaaaccggc	1260
tgcctgcaaa	aattcaacca	tctgtttatt	cagatcaaga	ctattggaga	aggtacgagg	1320
ggcattgggtc	aacaatcgac	aaaggcattt	acgggtcaat	ccaactgagt	agaggaactt	1380
tatattattc	tctaagttta	ggttggttatt	ggaccgaaaa	aaggattcag	gagaacgttc	1440
caaaaatattt	acaatttcaa	ggtctgatgt	cacaatcttt	ctccacagat	cccaccgttt	1500
tgaaagattc	tcgggagtac	gtgttattgc	tcgtggatat	cttgatatga	tgctagcgat	1560
cacttctttg	ctagctcctt	tggaaagaag	gaacatcttc	aggtcctgct	cattggtaat	1620
catcctatga	aaaactccag	gctgtcgttt	ccttgccatg	tcaatatcta	ctcccatagt	1680
aagtaagttt	ttcagtaggt	cctcattttt	caaaggctca	ctgtctgtat	tatgacactt	1740
cacaccaaaa	agcctaaatg	aaactgattt	gaagatgttt	tctgctgaaa	atcgagtcac	1800
ccaacatctt	gaaccaaaga	gaaagttatt	tctcatatgc	cagagggttc	ctggtgccat	1860
aatggtagg	tagttcaaac	cttttgaaat	gcttgtttgt	cctaaggaaa	ggctctgcat	1920
ccctccagaa	aggctggaga	acagctatct	cctgaactgc	acccatccac	tgtagttcgc	1980

<210> 7275  
 <211> 1176  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (992)...(440)  
 <223> similar to gi5912223 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

```

<400> 7275
tttttttttt ttttagtttc taaaaatatt gttttattaa ataactgtta aataggattt 60
ttacaaaata aatggcatag aaaagggtaa aaatgtttat gttcccagaa ctttctatgc 120
cttttcaaca gaaaggaaaa ggcacagaaa gttgtcagct gctattactt ctggagagct 180
gccacaactg gacggtgttg gagtatcacc agttctctct ctcatgggaa agaaggggat 240
caacactttg tagagaggta gcacgtcttc aggtaacagc tgctacacac agctggcttc 300
aacttttagct cccctgttga tgactgtcag cttcaagggtg tagcatcca tggcactcag 360
gaagaattaa ggagctgcac gaggttttca agacatttca aataataggc atttagaggg 420
tttgcttctg agtttgggaa agttttcttt gctaaggagt atgcttcac cactcttctt 480
tttactgatg ggcttttcaa agctgttttt gccttctgat aattgtaaat cagagcccaa 540
agggcagctg ctccaatcct ctgagcattt tgattctcac tttccagaca ggcagcaagc 600
acagtaatga ctttttcatt agccaggatc ttgggtttat ttgcaggact gaagcaaaca 660
ttatgaaaga taagaagagg caataaaggg ctgctcttgt gcttgtattt gctcatctct 720
gttagtaagt ctagacagcc atcaagcctc agaatcattt gttgcccatc ttctccagat 780
gatatattca ggagtaactt caaccaaaga atagtcagat tacttagatg tttatttcct 840
ccttttgga atgctagaga gaggaagttc tgtaagaagt tactcttctg aattactcct 900
ttacagtcac ggcacaaggc cagggttgaa agaagcataa aaaccatctg ctgaaccgtg 960
gtgttctcca gtggcatctg ggaagccaac tttaggatac acagcatcag agagttgctc 1020
acggctcctc tatgtgtagc ttgaacaggg tgttgccac aacttgacca acaaagagaa 1080
ctgcaaccat ttggaaaatt tgcagtatag acacaaagga gctgcagaga aatttgcac 1140
aatgaatcat ccatcaaaat ccaaggccag agagag 1176

```

```

<210> 7276
<211> 1595
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (782)...(961)
<223> similar to gi36607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7276
tttttttttt ttcagagttt tagatattat ttatttttaa ctaaagcaaa taacaagtta 60
agtgaatttt gcagttttca ctttgcattg tctattttaa aggcctaggt attggagctg 120
aaatgctgaa gaggctaagt caggatatga ttacaattag tattgatatt ctatacata 180
accttttctt aataaatatt cacaggggca taaattaaat cattaatctc accatttgga 240
acataacccc aacatatact tcaaatttcc tacccaaatt aaactggggg tttcaaataca 300
ggatggatca tataccagta tatggaatta taggtccaat taaaaattgg atttatatat 360
aatccccaca acccacacct atacaccctt ttttgcttat caaggggaaa ggtaggaagg 420
gagggaggtt taggaaagca ttttgtttc aaaaacacag gctcacagta tgaatattac 480
aagactataa aagcaagatc ttcttgatatt ttggaaacat atgagaacat gtgttctttt 540
aggtagacct tttctgtatg ataaaggctt tgcaaatcag ttttgagatt ttaaagaggg 600
ctttaagctc cagaacagtg agactttttt ctttttacag ctatagaaaa gttcaaaagg 660

```

taactactat	atgtggaagt	attattcaca	catagtgtct	tgcataagagt	agaccttcaa	720
taaaatata	gtgttaacga	agattatact	ttcaaatgaa	agtaatatatt	gcttgtttgt	780
ttttaaacag	atagccatca	caactcaatg	taactgcatg	cacttttcttg	tcgtcatttg	840
gaaccaggct	tctatcaact	actatactag	tcgaggggct	ttagaccttt	cctctgagga	900
gggctggcat	ctcttcaggt	ttaacagaga	agaactcctg	gacatggcat	gggaagaatg	960
aaagaggctt	tgtacaact	catcccaaca	cagcctccaa	catttgactg	tcacctgagt	1020
ctaacagcag	tttgactttg	ttgtacaata	cagcaagtga	tcatcacatt	cttgtttgag	1080
cagatctttt	attttgaaac	agattttgta	gctctagtca	actttccatt	atccaaacca	1140
atattctaac	ggctagtagc	agtagtgata	atccaaaaga	gcagataatt	taaaagtcac	1200
ttatacttag	ctttgcgcta	ttttttacct	atcatatttc	atcaaaatta	aggtgctttt	1260
cacaatttga	catatctgat	gtcgggataa	atgtaatgat	caactggcag	cattttttgt	1320
ttgtttgttt	tttagggcag	gatcttgcta	tgttgctcag	gctggtctca	aacttttggc	1380
ctcaagcaat	cctcccactt	cagcctccca	gacacaagca	actctgctca	gccttttttt	1440
ttaaatataa	ggtatatgat	atgccctaga	tccgatgaaa	tatgggtggt	tgaatatatt	1500
cagatctgag	gtttaaaaaa	attcattttca	aatactggag	ataaactctg	aagagcctac	1560
ccatgaaaaa	ctagcaagta	aactgcttcc	ctacg			1595

```

<210> 7277
<211> 2034
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2035)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (112)...(1570)
<223> similar to gi32055 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7277						
ccggattccg	ggtcgaccca	cgcgtccgct	ccgaagtggc	agcagccaga	gagggagtcg	60
gtgtggacgc	gaggagccgg	gcgcttagaa	cagaggcttg	cacaggtgga	gatgtggaag	120
tctgtagtgg	gccatgatgt	gtctgtttcc	gtggagaccc	aggggtgatga	ttgggacaca	180
gaccttgact	ttgtgaatga	catctctgaa	aaggagcaac	gatggggagc	caagaccatc	240
gaggggtctg	gacgcacaga	acacatcaac	atccaccagc	tgaggaacaa	agtatcagag	300
gagcatgatg	ttctcaggaa	gaaagagatg	gagtcagggc	ccaaagcatc	ccatggctat	360
ggagggtcgg	ttggagtaga	aagagaccga	atggacaaga	gtgcagtggg	ccatgagtat	420
gttgccgagg	tggagaagca	ctcttctcag	acggatgctg	ccaaaggctt	tgggggcaag	480
tacggagtgt	agagggacag	ggcagacaag	tcagcagtcg	gctttgatta	taaaggagaa	540
gtggagaagc	acacatctca	gaaagattac	tctcgtggct	ttggtggccg	gtacgggggtg	600
gagaaggata	aatgggacaa	agcagctctg	ggatatgact	acaagggaga	gacggagaaa	660
cacgagtccc	agagagatta	tgccaagggc	tttgggtggc	agtatggaat	ccagaaggac	720
cgagtggata	agagcgctgt	cggcttcaat	gaaatggagg	ccccgaccac	agcttataag	780
aagacgacgc	ccatagaagc	cgcttctagt	ggtgcccgtg	ggctgaaggc	gaaatttgag	840
tccatggctg	aggagaagag	gaagcgagag	gaagaggaga	aggcacagca	ggtggccagg	900
aggcaacagg	agcgaaaggc	tgtgacaaag	aggagccctg	aggctccaca	gccagtgata	960

gctatggaag	agccagcagt	accggcccca	ctgccaaga	aaatctcctc	agaggcctgg	1020
cctccagttg	ggactcctcc	atcatcagag	tctgagcctg	tgagaaccag	cagggaaacac	1080
ccagtgccct	tgctgcccac	taggcagact	ctcccggagg	acaatgagga	gccccagct	1140
ctgcccccta	ggactctgga	aggcctccag	gtggaggaag	agccagtgtg	cgaagcagag	1200
cctgagcctg	agcccgagcc	tgagcccagag	cctgagaatg	actatgagga	cgttgaggag	1260
atggacaggg	atgagcagga	ggatgaacca	gagggggact	atgaggagggt	gctcgagcct	1320
gaagattctt	ctttttcttc	tgctctggct	ggatcatcag	gctgcccggc	tggggctggg	1380
gctggggctg	tggtctctgg	gatctcagct	gtggctctat	atgattacca	aggagaggga	1440
agtgatgagc	tttcctttga	tccggacgac	gtaatcactg	acattgagat	ggtggacgag	1500
ggctggtggc	ggggacgttg	ccatggccac	tttggaactct	tccctgcaaa	ttatgtcaag	1560
cttctggagt	gactagagct	cactgtctac	tgcaactgtg	atttcccatg	tccaaagtgg	1620
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agacttccct	ctcctgcttc	attaagggtc	tggggcagag	acagcatggg	gaaggagggtc	1740
cccttcccca	agagtcctct	ctatcctgga	tgagctcatg	aacatttctc	ttgtgttcct	1800
gactccttcc	caatgaacac	ctctctgcca	ccccaaagctc	tgctctcctc	ctctgtgagc	1860
tctgggcttc	ccagtttggt	tacccgggaa	agtacgtcta	gattgtgtgg	tttgccctcat	1920
tgtgctattt	gcccactttc	cttccctgaa	gaaatatctg	tgaaccttct	cttttgttca	1980
tgtcctaaaa	ttcagaaata	aagtgagnac	tatggttcac	ctgtaaaaaa	aaaa	2034

<210> 7278

<211> 6077

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (107)...(2827)

<223> similar to gi298097 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7278

gaagttccac	gtcagtcagt	ctgacgggtca	gtggatcggt	gggttttatct	caaggcctga	60
gtagccggta	acaaacgagg	gttcccggga	ttggaccgac	gcagccatgc	ctctgcgact	120
tgatatcaaa	agaaagctaa	ctgctagatc	tgatcgagtt	aagagtgtgg	atctgcatcc	180
tacagagcca	tggtgttg	caagtcttta	caatggcagt	gtgtgtgttt	ggaatcatga	240
aacacagaca	ctggtgaaga	catttgaaagt	atgtgatctt	cctgttcgag	ctgcaaagtt	300
tgttgcaagg	aagaattggg	ttgtgacagg	agcggatgac	atgcagatta	gagtgttcaa	360
ttacaatact	ctggagagag	ttcatatggt	tgaagcacac	tcagactaca	ttcgctgtat	420
tgctgttcat	ccaacccagc	ctttcattct	aactagcagt	gatgacatgc	ttattaagct	480
ctgggactgg	gataaaaaat	ggtcttgctc	acaagtgttt	gaaggacaca	cccattatgt	540
tatgcagatt	gtgatcaacc	ccaaagataa	caatcagttt	gccagtgcct	ctttggacag	600
gactatcaag	gtgtggcagt	tgggtctctc	gtcaccaaac	ttcactttgg	aaggacatga	660
gaaaggcgtg	aattgcattg	attactacag	tgggggggac	aagccatacc	tcatttcagg	720
tgcatgatgac	cgtcttggtt	aaatatggga	ttatcagaat	aaaacatgtg	tgcatgacact	780
ggaaggacat	gccccaaatg	tgtcttggtc	cagctttcat	cctgagttgc	caatcattat	840
cacaggttca	gaagatggaa	cagtacgtat	ttggcattca	agcacctacc	ggcttgagag	900
cacactgaat	tatggaatgg	agagggtatg	gtgcgtggcc	agtctaagag	ggtcaaacaa	960
tgctgccttg	ggctatgatg	aaggagcat	cattgttaag	cttggtcggg	aggaacctgc	1020
catgtccatg	gatgccaatg	gaaagataat	ttgggccaag	cattcagaag	tccagcaggc	1080
caacctaaaa	gcaatgggag	atgctgaaat	taaagatggt	gaaagattgc	cactggcagt	1140

aaaggatatg	ggcagttgtg	aaatataccc	tcagactatt	cagcacaatc	ctaattgggcg	1200
gtttgtgggtg	gtgtgtgggtg	atgggggagta	tatcatctac	acagcaatgg	cattgagaaa	1260
caagagctttt	ggatctgctc	aggagtttgc	atgggccac	gattcttcag	agtatgcaat	1320
aagagagagc	aacagcattg	taaagatat	taagaacttt	aaggaaaaaa	aatcatttaa	1380
accagattttt	ggagcagaaa	gtatctacgg	cggcttctta	ttgggagtca	gatctgtaaa	1440
tggcttagcc	ttctatgact	gggacaatac	agaactcata	cgaagaattg	aaattcagcc	1500
caaacatat	ttctgtgtctg	actctggaga	gctagtctgt	attgctactg	aggaatcatt	1560
ttttatcctt	aagtatctgt	cagaaaaagt	cttggtgca	caggaaacac	atgagggagt	1620
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aacagggctt	tgggtaggcg	attgcttcat	ttacacaagt	tctgtgaaca	gattaaatta	1740
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ctacattcct	aaagacaaca	ggctttatct	gggggataaa	gaattgaaca	tcattagcta	1860
ttccctgctg	gtttcagtc	tggaaatacca	gacagctgtc	atgcggagg	acttttagcat	1920
ggctgataag	gtccttccta	ccattccaaa	agaacagagg	accagagttg	cacacttttt	1980
ggaaaagcag	ggcttcaagc	agcaagctct	tacagtatcc	acagatcctg	agcatcgttt	2040
tgagcttgct	cttcagcttg	gagagttaaa	aattgcatac	cagttagcag	tgggaagcaga	2100
gtcagaacag	aagtggaaac	aacttgctga	acttgccatt	agtaaagtgc	agtttggcct	2160
agcccaggag	tgcctgcac	atgcacagga	ttatgggggc	ctgctgcttt	tggccactgc	2220
ctctggaaat	gctaatatgg	tgaacaagct	agcagagggt	gcggagagag	atggcaaaaa	2280
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```

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gaaaccggac gcgtggg 6077

```

```

<210> 7279
<211> 2942
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2943)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (222)...(1640)
<223> similar to gil83298 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7279
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caaggaaaca aaataggaat tccaaggaac tgggcctagt tcccctcaca gatgacacca 120
gccacgccgg gcctccaggg ccagggaggg cactgctgga gtgtgaccac ctgaggagtg 180
gggtgccagg tggaaggaga agaaaggact ggtcctgctc gctcctcgtg gcctccctcg 240
cgggcgcctt cggctcctcc ttctctacg gctacaacct gtcggtggtg aatgccccca 300
ccccgtacat caaggccttt tacaatgagt catgggaaag aaggcatgga cgtccaatag 360

```

accagacac	tctgactctg	ctctggctctg	tgactgtgtc	catattcgcc	atcgggtggac	420
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tggccaataa	tgggtttgca	atttctgctg	cattgtctgat	ggcctgctcg	ctccaggcag	540
gagcctttga	aatgctcatc	gtgggacgct	tcatcatggg	catagatgga	ggcgtcgccc	600
tcagtgtgct	ccccatgtac	ctcagtgaga	tctcacccaa	ggagatccgt	ggctctctgg	660
ggcagggtgac	tgccatcttt	atctgcattg	gctgtgtcac	tgggcagctt	ctgggcctgc	720
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ccgttgtcca	gctgctgagc	cttccctttc	tcccggacag	cccacgctac	ctgctcttgg	840
agaagcacia	cgaggcaaga	gctgtgaaa	ccttccaaac	gttcttgggt	aaagcacacg	900
tttcccaaga	ggtagaggag	gtcctggctg	agagccgcgt	gcagaggagc	atccgcctgg	960
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tcccagcttt	accacaagca	gccttgacct	gccctcaacc	tgggtcccag	tgccctcaatg	2160
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gggctcagag	tgtcagcaca	tgtacctcat	gtttaccaag	tctagaagag	atttctctga	2640
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tacttgcttc	taaaatgaaa	caacgtgtcc	taaagtaaag	taaagtgcac	ttgaattagc	2940
aa						2942

<210> 7280  
 <211> 1807  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (59)...(1629)

<223> similar to gi5531813 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7280

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cactggcggc	cccttgggca	acgagatagc	gtcgggcaac	ggtggcgccg	cggcaggcga	180
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aagcttaata	agaaaaattc	agggaataga	ggagtataag	aaaggaagag	gattggaata	360
tttgtagtta	aatgtgcatg	atgaagacag	ggatgatcaa	acaagatgta	atgtttggat	420
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gaaggatact	ctagttatgc	tggttgttga	catgtcaaag	ccttggactg	ctttggattc	540
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agaagacttc	ccggcttctc	cccagagaag	aaatactgcg	tcacaagaag	acaaagatga	720
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cctctgcctt	ttccttcaaa	agtggaatta	gaaagctgga	gtgcttcttc	agatggacta	1740
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atgtatt						1807

<210> 7281

<211> 1212

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1058)...(521)

<223> similar to gi3860093 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

09433725.01.21.00

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<400> 7281
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gggccacttt cccttttctg gcttttagtat tcccaaaggg ttccctctggg ctgtgcctcc    180
tttccttggt tcacatggga gggggcttcc ctgtttcaga agtcccttat gggagaaata    240
gagatccaag tttcacttca cctttttcag gcagttctgt ttctctgtcct ggggctggag    300
tgggagagag gcctcacccc tcagcattgc tccttctcca ctagctgttt ggggggtgggc    360
tggcttcaga gtcaaaagca ctcttgaggaa ggaatgaagc ctgaagattg aaaagtgtta    420
gtgccagggt agcagggtta ggaagcccat tatctgtgtt ttctcagtca accattttgt    480
caagggtgaa tgtgctaggc tcagggtctc cagagcttcc ctctgtctag cagcttcctg    540
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acagcagcct cgaagggtgaa gtctacctca ccaaagctaa gtgccgtcat ggcaccctgc    780
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cgggtgcagca cagccacctt gatggccact ttgatcagggt ccttgatcac gcgctggggc    900
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cttgtctcat ctatgaagag atgagccaca gagcgacccg ccatcttact cagtagcttc   1020
ttctctgctt gcagtgccag gctctttgag ctgaaggact ccatgggtcc tggagagtgg   1080
ggtatgtggt cagtcactgc tgtgctgggt gccagtcctg ccttgatgt tcccggaaag   1140
cttacagaat ggagaagcgg acgcgtgggt cgcgccgggg tttccgaacg ggtatcaaaa   1200
agggttttca aa                                     1212

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<210> 7282

<211> 3175

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2435)...(1492)

<223> similar to gil313934 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 7282
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aaaatttttag aaatattttc tataaaatgt ttagtattta attggaaatg aatccagtat    180
aacatgactt ccacagatac agcattccca tcctcactcc cattcctatt ttgagaaatt    240
ttaaaaatac agaaaagtac aaaaaataag acaagatata cctataccac aatccagaat    300
caatcagtat cttcttatat ttacttgaag tcttttgaag gagaagtgga tgtttatata    360
aaaagctgaa gtccccttta accaatatcc atcccactc ccacactcat tattttccct    420
tctccactct tcacagggtga ccactatcaa gagtttggtc tgtatccttc caatccgttt    480
caaaaacatg tacatacata tatgcatcca ttaccaatag atagtactga gttttatgag    540
gaaactttta attcaaattt acaaaaaagt cattgtacta tctgtatcat tctgcaactt    600
gatccccctt caacaattct gggatctttc tgttaataca tgtggatttc atttggttga    660
ttttacagat atatagtatt acataagaat ttcccatatt gtctgtgatg ggctttctca    720
gttgtttcta atttttggct actacaaatc aagccacagt aaatatccta gtgcgtattt    780
cctgagcatt catactcata agtagaacg ctaagtattt ctcaaattgt tccaaggaat    840
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catattccaa	attctaataa	atgcataggt	ctttttttga	aatctcttct	gctctgctca	1080
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tacgatctga	gaacagagga	agtatttttt	cttatattca	acgctctttt	tctcagtctt	3060
tcttgagat	ggatcaacat	gcctcccaag	tcttggtgcc	tctcaagtcc	tgggtgcctct	3120
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<210> 7283

<211> 3950

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3951)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (68)...(1774)

<223> similar to gi5912126 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7283

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ccctaaggcg	gggaaccgca	gcgcagtgac	agtgcagaac	cccggcgcgg	cccttgacct	180
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ccgccacaaa	ccccatttgg	ccctcaaaca	ggttgagcaa	tgtttaaagc	gtttgaaaaa	360
catgaatttg	gagggctcaa	ttcaagacct	gtttgagttg	ttttcttcca	atgaaaatca	420
gcccttaact	accaaaagtat	gtgttggtccc	cagtcagcca	gtggtggagt	tggtgttgat	480
gaagggtttg	ggagcctgca	agttgttgct	ccgcttggtg	gactgctgct	gcaaaaacttt	540
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ccattttagtg	ccttaaaaata	cagacaatac	caaggagatt	tcattctaga	caagtctaga	3240
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ataaatccaa	atattttaaca	tttaaaaaaa	tgcaatctaa	agtataccaa	actgtaactt	3900
acctagtaaa	tgagattaga	aactattgtc	aggggtcatcg	tantgaatat		3950

<210> 7284  
 <211> 1839  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (182)...(1100)  
 <223> similar to gil200232 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7284						
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gaccggttcg	agacagcgcg	ggcggctcgg	gtccctggg	gctccgcagc	aggaggacgc	180
catggacgac	aaggagttaa	ttgaatactt	taagtctcag	atgaaagaag	atcctgacat	240
ggcctcagca	gtggctgcca	tccggacggt	gctggagttc	ttgaagagag	ataaagggga	300
gacaatccag	ggtctgaggg	cgaatctcac	cagtgccata	gaaaccctgt	gtggtgtgga	360
ctcctctgtg	gcagtgtcct	ctggcgggga	gctcttcctc	cgcttcatca	gtcttgccctc	420
cctggaatac	tccgattact	ccaaatgtaa	aaagatcatg	attgagcggg	gagaactttt	480
tctcaggaga	atatcactgt	caagaaacaa	aattgcagat	ctgtgccata	ctttcatcaa	540
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tgttgaaaac	ggaggaatta	ttaacaagat	tggaaaccaac	cagatggctg	tgtgtgcaa	840
agcacagaac	aaacctttct	atgtggttgc	agaaagtttc	aagtttgtcc	ggctctttcc	900
actaaaccag	caagacgtcc	cagataagtt	taagtataag	gcagacactc	tcaaggtcgc	960
gcagactgga	caagacctca	aagaggagca	tccgtgggtc	gactacactg	ccccctcctt	1020
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tttaaatatg	tttggttcct	aaacagcttt	ttaaaaattat	acttggaat	aaattcagca	1800
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<210> 7285

<211> 2006

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(659)

<223> similar to gi4416183 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7285

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aaaaacaagc	agataccaaa	agaatggtgg	acattctacg	ggctttggag	aaattgagga	180
aactgaggaa	agaggctgca	gcgaggaaaag	gggtctgtcc	tccagcctca	gcagatgaga	240
cttttacgca	tcatcttcag	cgactgagaa	aaactcattaa	aaagcgctct	gaactgtatg	300
aagctgaaga	gagagccctc	agagttatgc	tagaaggaga	acaagaggaa	gagaggaaaa	360
gagaattaga	aaagaaacaa	agaaaagaaa	aagagaaaaat	tttacttcag	aaacgtgaaa	420
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tccgacagta	ttatctccaa	gccgagcact	ccctgccagc	gctcatccag	atcaggcatg	540
attgggatca	gtacctggtg	ccatccgatc	atcccaaagg	caacttcgtt	ccccaaggat	600
gggtccttcc	cccgtcctcc	agcaacgaca	tctgggcaac	tgctgttaag	ctgcattagt	660
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gatggagAAC	ttagaaaacc	tgaagagtac	ccaaattgga	ttgtatttta	atggacaatg	1320
gctgtatttt	ttccatgtta	gaaggatcct	aatgaaagca	cctgttattt	ttaagtttct	1380
aagggtctag	ttgttcagaa	tccccaggga	tatttcctta	acctcactca	gtcacattgt	1440
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ctgggcgtag	gtggtgcaca	cctgtagtcc	cagctactgg	ggaggctgag	gcaggagaat	1740
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ctgggagaca	gagcaagact	ccgtctcaaa	aaaaaaaaaa	gtaaaattta	ttttttatat	1860
tcattaataa	atgctgttgt	gcttggagat	gatcactcat	ataacatgtc	atttttttgg	1920
ttctgttttg	gtttgggttt	tgccaattat	tttggttatat	ttccaaaaaa	ctaaataaaa	1980
atcatttttta	ttttttaaaa	aaaaaa				2006

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<210> 7286
<211> 2128
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (464)...(1314)
<223> similar to gi4929631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7286						
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tcattctcatc	tttttttgcc	cttggactgg	gacttagccc	cattggcccc	ctggttctca	180
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gtgggacttc	gcaaacacca	tcattcttga	agccatttcc	tcctaattct	cttttatata	300
cacaccaatt	ggttctgttt	ctctggaaaa	cctgattaat	agacctgagg	aatgaaactg	360
taacctctca	gtgggttctt	cttgcctgag	cctggcgtcc	gtgtggctgg	cgcgagggat	420
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ttcttttgtg	tcattctgtt	ttagcctgtt	tatgtctaga	acatctatca	atgggttgct	720
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<210> 7287

<211> 2503

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (250)...(1307)

<223> similar to gil628559 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7287

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cggcagtttc	cgtgggtctg	tgaagaggtc	ggcggccccct	gcgggcgcca	gtcagcttta	180
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gccagaatgt	taaaacagtt	aactcaaaat	ctagtcatct	gtgtaggagc	taaagcaggt	1860
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094832529450

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<210> 7288
<211> 1458
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (435)...(870)
<223> similar to gi798961 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gccccggct ctggccgtga gggagcgctg tgggggcgcg ctgcctttct gcctggaaag 240
tgttggcagg gtggtgggag aagcgtcagg cttgaacaac atgattttta agcacgtgtc 300
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tgaaaagata catcaaggcc ttttgtaaag gcttctttgt ggcggtgcct gtggcagtga 480
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gtaaacagtg atgttaaa 1458

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<210> 7289  
 <211> 3651  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (403)...(754)  
 <223> similar to gi5262651 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7289

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gggctgctgc	tgctgttgac	gacgacgacg	acgacggggg	ctgcctctgc	tgtcccggga	180
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<210> 7290

<211> 2668

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (94)...(1775)

<223> similar to gi666043 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7290

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gtgggctcaa	atataacatt	tgcggtgaac	ctgatattcc	ctagatgcca	aaaggaagat	420
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<210> 7291

<211> 2166

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1886)...(1310)

<223> similar to gi3874664 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7291

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aacatataaa	ctcaatgtaa	acttgaagtt	aattccattt	aatttacagc	ttattttata			420

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ccattttcaat	caccccagaa	aatttcctca	ggcccccttt	ccattcaatt	tgaattccct	600
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tttgggtggaa	aataactcca	aggagataaa	gctttgcctt	cccattttgt	ctctcctctg	1560
gacactctga	acgataaagg	aagttcctgt	ttccacacat	ttcttcttcc	agaaagtaaa	1620
agcactaaat	gctgtccgtg	gggacaaagt	tcaacttcta	aatattgctc	agttatatca	1680
ttcaagaaaa	atgcttccac	aacttcataa	tcccacagtt	cattgaaagg	ttttcctggt	1740
tctccaagtg	gggctggagg	atccctgaaa	aatggagcac	taatgtccat	catcactcct	1800
ctgtcacctg	gattcagcct	gataaatacg	ggctcatgct	tcaactggaaa	accatcccaa	1860
gtgtgttcaa	ttttaaaatc	catctgaagt	ctcttcttga	gatgacccaa	tccaaacctta	1920
gaactcctcc	agaggtagag	ccttgggtggg	agattctgaa	gacgccagtc	tggtcttctat	1980
ccctagccgc	aggaacctgc	atcttttact	tagtccagaa	aggcttagta	tattagtaac	2040
ccaaagatag	tgagggcatt	taaactgtgt	atttcattct	ctactcacgt	ttgcattttg	2100
gttttttggt	tgtttgtttg	tttgttttaa	agaggttggg	cctcactacc	tggagacact	2160
gtcccc						2166

<210> 7292  
 <211> 984  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(985)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (124)...(451)  
 <223> similar to gi5106998 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7292	
gtcgtgaggc	gggccttcgg gctgngctcg ccgtcggctg ccgggggggtt ggcctgggtg 60
tcattggctc	tgggaagcgg cagcagaggc agggaccact cgggggtctgg tgtcggcaca 120

gccatggcgg	gcgcgttggt	gcggaaagcg	gcggactatg	tccgaagcaa	ggattttccgg	180
gactacctca	tgagtacgca	cttctggggc	ccagtagcca	actgggggtct	tcccattgct	240
gccatcaatg	atatgaaaaa	gtctccagag	attatcagtg	ggcggatgac	atttgccctc	300
tgttgctatt	ctttgacatt	catgagattt	gcctacaagg	tacagcctcg	gaactggctt	360
ctgtttgcat	gccacgcaac	aaatgaagta	gcccagctca	tccagggagg	gcgggcttatc	420
aaacacgaga	tgactaaaac	ggcatctgca	taacaatgga	aaaggaagaa	caaggtcttg	480
aagggacagc	attgccagct	gctgctgagt	cacagatttc	attataaata	gcctccctaa	540
ggaaaataca	ctgaatgcta	tttttactaa	ccattctatt	tttatagaaa	tagctgagag	600
tttctaaacc	aactctctgc	tgcccttaca	gtattaaata	ttttacttct	ttccataaag	660
agtagctcaa	aatatgcaat	taattttaata	ctttctgatg	atggttttat	ctgcagtaat	720
atgtatatca	tctattagaa	tttacttaat	gaaaaactga	agagaacaaa	atttgtaacc	780
actagcactt	aagtactcct	gattcttaac	attgtcttta	atgaccacaa	gacaaccaac	840
agctggccac	gtacttaaaa	ttttgtcccc	actgtttaaa	aatgtttacct	gtgtattttcc	900
atgcagtgtg	tattattgaga	tgctgttaact	taatggcaat	aaatgattta	aatatttggt	960
aaatgagtat	gattaaaaaa	aaaa				984

<210> 7293  
 <211> 2925  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2787)...(2229)  
 <223> similar to gi3881189 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7293	
tttttttttt	ttgatatttt
ctttgagggc	tgatctgatt
tatccccctt	caaaaaagtc
ccaataccac	cccttaaaat
caaaaaatgc	atccaccta
aaagttttca	catgcagagg
ttgaaatgcg	gaaagcaatg
ttaacaaacc	tatgcagtcc
gcacaagcaa	ggttgccacat
aacagtagca	agtttaaaata
tgcaacatgc	ttcaaagaat
tatgaatgga	gaaaagcaag
tttttaaggc	catggcagtc
gactacactc	tgagtgtctca
aaagaaacaa	aatcacacac
atctactaca	gtgggtctata
tttatgtata	cggaagtgcg
ctgtatcata	gaagcaaaca
aaacaacctg	tagacattga
cacaataatc	aagatgtcta
gagagaaaaa	taaaaatttt
tatgactgga	tataaaaagt
ttctattttta	actagcccac
ccctcctctc	ggaaacttac
acatttttaag	ttaaaattgc
tgagaagagc	agtaaacaga
acatagttca	gtaactgtta
ggtaatagcg	tctggatgtc
aaggttttagc	tataggtcaa
gttccaattc	ctccttttag
gaccattaat	ggtggtgaac
tccatcccac	cagggtagta
ccagattcta	ctcataaaaa
gcaacacagt	gcagtatatt
cattaaaaga	acttactggt
aaatgcagtc	tacataagtg
caggtgtacc	atagagtttt
aaccagtatt	aatatgtccc
tttgaagttt	ttagacatct
tctctgtgtg	actgattatt
gcaggcaggt	ctagagtgtg
gcccaggctt	acatcagtaa
ataagtatct	tttgtgctga
cagcagcact	gatttaatga

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ctggagatag aacaaacaga tgtttgaaca aagactgaca ttcttaacag gttttattat 1380
attgggtgga atgctctaaa ttcatgaacg cttttggaaa atcttcaatt ctcaaccctt 1440
taaaaaagta tcctgaacca ggaagaaaaa acaagagaca gaaataatga tctggacaga 1500
tacaaaacag gatgcttttag ttctcccat atcccaactg ccatctggtg atagagttct 1560
cagaaagcag gatatcttta atattcatca ggcagaatct caccagtgc aagaaccaac 1620
attgatctgg tgcctccgct cactctctgc agaccatttt ggattcctaa gatgtaatta 1680
tacatttcac atgcatttgt gagataaaat aaacattatg ttacatata tcccacatga 1740
gtcattcacg cctaaagggt ttctaaatac tgtgtgtggc actagaaaact tcatgctgta 1800
tcaagtcagt gtcagtatta agctactgga ctctataatg aaatattata gatagacatt 1860
tactgaaaac caatataaaa atctggccca gaaagaccag aatggaaata tgcaattttc 1920
ttgatttaag atggtcataa gtatatgggg ttttttttct gtttttaaag ctctacacat 1980
ggtttaagac aggtatgtgt aagaagcctt tttgtgtgtg ctgactttat catgacaact 2040
ctagctgatt ctttatgaag gattagggat attcatcttc agcagtgcac atgagaaata 2100
aactctgaaa aaggcaattt ctgggggttta ggaaggaccg tattctggga attacttcag 2160
aggaacggac aataattcta ggattatagc caagaaggac tggaaagactt caggagatgc 2220
ttcagcttct tctagatttt gaatgctgaa taagccactg aagtgtgata tctatattat 2280
ccttttcttt gcaagaaatt gaatagcagc aaatttctct atcctgaata gcagacagat 2340
tcattttttc aattagctgt ttctcatcca aggcattagg aagatctctc ttgtttccaa 2400
gcactagcac tgggaattcct tgtaactgtg gtttatctag aagattatgt agctcatttc 2460
gggaagcttc tatcttttca cgatctgcag catctatcat gtaaacaata gcattgactc 2520
ctctgcaata ccgctcccac atgcttcgaa atcgggggtg tcctcctatg tcccagatct 2580
ttattgtgac gttaccttta gttaccttcc tcatgttgaa gccactgtg ggtatcatat 2640
cttcaactgaa ttgacctgac gcgatgacat tgacgaaggt ggtcttgccc gagtactgca 2700
gccccacgag cgtcagctcc atctcttctc tccagaagag cgaacggaac cagtccagca 2760
ggcgggagat gagcgccagc atgatggcgg ccgggagcga gaacggacgg gaggacggac 2820
gagcggcggc gtcgacgact tccacacgag cgggcctccg cccggaccct ccaacggctc 2880
cttgggtgcc cggcgcgaca cgggcggaca ccggcgggcg gcaca 2925

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<210> 7294
<211> 1410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (123)...(822)
<223> similar to gi868241 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7294
ggaattccgc ttttccggtc tgggtccccg agaggactgc cttgctcacc tgtcccctcg 60
gcgcggcccc ggggagctcc cgagaggccc ccgggagcgc tggccctccg aactccacag 120
caatgagcaa gttgggcaag ttctttaaag ggggcggctc ttctaagagc cgagccgctc 180
ccagtcccca ggaggccctg gtccgacttc gggagactga ggagatgctg ggcaagaaac 240
aagagtacct ggaaaatcga atccagagag aaatcgccct ggccaagaag cacggcacgc 300
agaataagcg agctgcatta caggcactaa agagaaagaa gaggttcgag aaacagctca 360
ctcagattga tggcacactt tctaccattg agttccagag agaagccctg gagaactcac 420
acaccaacac tgaggtgttg aggaacatgg gctttgcagc aaaagcgatg aaatctgttc 480
atgaaaacat ggatctgaac aaaatagatg atttgatgca agagatcaca gagcaacagg 540
atatcgccca agaaatctca gaagcatttt ctcaacgggt tggctttggt gatgactttg 600

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atgaggatga	gttgatggca	gaacttgaag	aattggaaca	ggaggaatta	aataagaaga	660
tgacaaatat	ccgccttcca	aatgtgcctt	cctcttctct	cccagcacag	ccaaatagaa	720
aaccaggcat	gtcgtccact	gcacgtcgat	cccagcagc	atcttcccag	agggcagaag	780
aagaggatga	tgatatcaaa	caattggcag	cttgggctac	ctaaactaaa	acacattttt	840
gatacctaaa	ttaatgagct	atagataaaa	tataaaaaat	gtttttacca	agttcagaag	900
ttaacaaaga	ctctgcttta	taattatatt	gaatgaataa	ttgtgtttta	agcctcctaa	960
gtaaaagtaa	aaaaggagtc	atgtgcatac	atagaatcag	tgatggaggc	caggcacggt	1020
atctcatgcc	tataatccca	gcaactttgg	aggctgaggc	agttgagacc	aggagttcga	1080
gtccagcctg	accaacatga	agaaaccctg	tctgtactaa	aaatacaaaa	attagccgga	1140
catggtggca	ggcacctgtg	atcccagcta	cttgggaggc	tgagtcagga	gaattgcttg	1200
agcccaggag	atggaggttg	cagtgaagcca	agatcatgcc	actgcactcc	agactgggca	1260
acagagggag	actccgtctc	aaaaactaaa	aaaaaaaaata	catttagtat	agcggggggt	1320
gggggggaga	aataatgtta	tttcctatgc	gaatgacgtg	tatccctgta	cccatggtaa	1380
atgtaaatat	actgtgtctc	ttttgggag				1410

<210> 7295

<211> 1811

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (318)...(1493)

<223> similar to gi4050073 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7295

gaagcccaga	ctattttattg	gtgatcaaac	aaagaaacag	gggaatattg	tcctattatg	60
attctcctga	agatgcctgg	aaaggttgca	aaggaggcat	acaaatggca	gtctgtgaaa	120
ttgaagttca	ttctgtagat	aatacatgca	tggacctgat	aatccccggg	gaacagtatt	180
tctacctgaa	ggccagaagt	gtgcctgaaa	gatagcggcg	gctggtggcc	ctgggatcag	240
ccaaggcttg	cctgactgac	agtaggaccc	agaaggataa	agagtttgct	gaaaacactg	300
aaaacttgaa	aacccaaaatg	tcagaactaa	gactctgctg	tgacctcctt	gttcagcaag	360
tagataaaac	aaaagaagtg	accacaactg	gtgtgtccaa	ttctgaggag	ggaattgatg	420
tgggaacttt	gctgaaatca	acctgtaata	cttttctgaa	gaccttgcaa	gaatgcatgc	480
agatcgcaaa	tgcagccttc	acctctgagc	tgctctaccg	cactccacca	ggatcacctc	540
agctggccat	gctcaagtcc	agcaagatga	aacatcctat	tataccaatt	cataattcat	600
tggaaaggca	aatggagttg	agcacttggt	aaaatggatc	tttaaataatg	gaaataaatg	660
gtgaggaaga	aatccctaag	aaaaataaga	attccttata	tttgaaatct	gcagagatag	720
actgcagcat	atcaagtga	gaaaatacag	atgataatat	aacagtccaa	ggtgaaataa	780
ggaagggaaga	tggaaatgga	aacctgaaaa	atcatgacaa	taacttgact	cagctcggat	840
cagactcaag	ttgctctccg	gaatgcctct	gggagggaagg	caaagaagtt	atcccaactt	900
tcttttagtac	catgaacaca	agcttttagt	acattgaact	tctggaagac	agtggcattc	960
ccacagaagc	attcttggca	tcatgttatg	ctgtggttcc	agtattagac	aaacttggcc	1020
ctacagtgtt	tgctcctgtt	aagatggatc	ttgttggaaa	tattaagaaa	gtaaatcaga	1080
agtatataac	caacaaagaa	gagttttacca	ctctccagaa	gatagtgtct	cacgaagtgg	1140
agggcgatgt	agcccagggt	aggaactcag	cgactgaagc	cctcttgttg	ctgaagagag	1200
gtctcaaatt	tttgaaggga	tttttgacag	aagtgaaaaa	tgggggaaaag	gatatccaga	1260
cagccctgaa	taacgcatat	ggtaaaacat	tgcggcaaca	ccatggctgg	gtagtccgag	1320
gggttttttgc	gttagcttta	agggcaactc	catcctatga	agattttgtg	gccgcgttaa	1380

```

ccgtaaagga aggtgaccac cggaagaag ctttcagtat tgggatgcag agggacctca 1440
gcctttacct ccctgccatg aagaagcaga tggccatact ggacgcttta taagaggtcc 1500
atgggctgga atctgatgag gttgtatgat ggctgctggg cagcacctcc taacttcagg 1560
gaataaagtg ctaaagtgtt ttgttgccct acttaatttc cagcaacagc ctcaaccctc 1620
tccaacccct tcacctgggg ggatggacag gaggtggcaa aaccagtgct ttttataatt 1680
tttaaaatgc atatgtgttt tgtttaaaga tcaagggtgct atatatttca gttcagcagg 1740
cctactggaa accaaatgat aagctgctgt agacttgaac agcaagttat aagagcagat 1800
ttaacaaaca a 1811

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<210> 7296
<211> 1464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (327)...(597)
<223> similar to gi5107188 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7296
gatttcctcg cgttataacg aatcggcgtc taagggttta agtgtcactt gacattactg 60
ctcccacgtg ttctttccca tctggcggcc gcggctcctg tccagaccct gaccctccct 120
cccaaggctc aaccgtcccc caacaaccgc cagccttgta ctgatgtcgg ctgctgagagc 180
ctgtgcttaa gtaagaatca ggccttattg gagacattca agcaaagggt ggacaactac 240
ttttccagaa cagaaaggaa actcatgcat cagaaaagggt ttcagggata taatcagaag 300
gtgactaata aaggtagcag aagaatatgg ctgcacaaat accagaatct gatcagataa 360
aacagtttaa ggaatttctg gggacctaca ataaacttac agagacctgc tttttggact 420
gtgttaaaga cttcacaaca agagaagtaa aacctgaaga gaccacctgt tcagaacatt 480
gcttacagaa atatttaaaa atgacacaaa gaatatccat gagatttcag gaatatcata 540
ttcagcagaa tgaagccctg gcagccaaag caggactcct tggccaacca cgatagagaa 600
gtcctgatgg atgaactttt gatgaaagat tgccaacagc tgctttattg gaaatgagga 660
ctcatctgat agaatccccct gaaagcagta gccaccatgt tcaaccatct gtcatgactg 720
tttggaatat ggaaaccgct ggagaaacaa aattgctatt taccaggaat aatcacaata 780
gaaggtctta ttgttcagtg aaataataag atgcaacatt tgttgaggcc ttatgattca 840
gcagcttggt cacttgatta gaaaaataaa ccattgtttc ttcaattgtg actggttaat 900
tttaaagcaa cttatgtgtt cgatcatgta tgagatagaa aaatttttat tactcaaagt 960
aaaataaatg gaaatatcac tgagcagttg tttatactgt atggtacat agtattctca 1020
ctggactgtg gatacgttga aatgtttttc aatcaggatc atcctccaag cagtcctggt 1080
cattcatgtc tgcctcaaat tgctggtgaa tacataaaat agttacttgc taatcatttc 1140
aatgcatgat ccttttcttg cctcccttgt gtcagggtgg gcattacata tacttttctt 1200
tttttttttt ttgaaaacgg attttttttt tcccccccca ggaggagggg aaggggaaaa 1260
ttttaattta attgaaccct ccccttccca agtaaagcaa tttttgtgcc ccaaccccc 1320
aaggaggggg gaataaaggg gggggccccc ctgccccggt aaattttggt tttttaaaaa 1380
aaaggggggt taaacaaatt ggcccgggtg ggtttaaaat tttgaacctt aggggacccc 1440
ccggcctaac cctccaaaag ggta 1464

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<210> 7297  
 <211> 696  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (278)...(590)  
 <223> similar to gi4886455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7297  
 cgagtggctg cccacaaaaa tgcttgcctt tctgcggaat cctactgttc ttcacatgct 60  
 ctctaatacc atcttttcat atccactttc tcttccatgt tgaaaaatta aattgacagg 120  
 ctggattctg caaagatctt tggacattta agtatcttcg accggtgcga aaagaggcgg 180  
 cctgaccttg gaagtgggac ggggtcctgc agcgggtcct tccggcgggt gacattcagc 240  
 cggcgggttc gggcgacgga ctctccattc cagaaccatg gcccaatttg tccgtaacct 300  
 tgtggagaag accccggcgc tgggtgaacgc tgctgtgact tactcgaagc ctcgattggc 360  
 cacatttttg tactacgcca aggttgagct ggctcctccc acccctgctg agatccctag 420  
 agctattcag agcctgaaaa aaatagtcaa tagtgctcag actggtagct tcaaacagct 480  
 cacagttaag gaagctgtgc tgaatggttt ggtggccact gaggtgttga tgtgggttta 540  
 tgtcggagag attataggca agcggggcat cattggctat gatgtttgaa gaccaatctt 600  
 taacatctga ttatatattga tttattattt gagtgttggt ggaccatgtg tgatcagact 660  
 gctatctgaa taaaataaga tttgtcaaaa aaaaaa 696

<210> 7298  
 <211> 988  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (908)...(667)  
 <223> similar to gi5262862 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7298  
 gggaccacta caggagggct ttctcctcac tgaaatcttg ttcattctta ggatttctcc 60  
 agcacctcag ttcgaattcc cactccttat gtgcaagtgg cactcttggc tttccaattc 120  
 tgttttttat ttaggtgact caatcagtgg ctgaacttct gatcctgtgg cccctttttg 180  
 tagcttcaga ctgaaactgg atgcctttgt agaacatatt cacgcaagga ttctgtatga 240  
 acagaaaagg atgcaataaa ggaggattcc tccaaaatgt tttaattata tgtccataca 300  
 atatataaaa tatatgcac attttagctg gataagaaaa gcaagtcaaa tgaaatgaca 360  
 cttctcgaaa cttaagttaa ataactttgt aggaagaggt atattttgtc ttttttaa 420  
 tatttttagc ttctgtacac tgaccaacga ggtaaaggaa aatgactgaa actctacaag 480  
 tgaaagaaca tttcacaatt aaaatccaca atttgtatac atttatctta ctacatcgt 540



```

caggtgaaaa atcacccaac ttattataaa aggaggacaa attgtatcac aaaagaagca 600
aaaattagaa aaaattcata aaaaaatata tccaactatg aaaagcgttg ctctcttggt 660
gtcttcacat ccgtctcttc tgtgtactga tgtacaacac attgtttcct cggataaatg 720
catccccata cttattcttc agttgtccat ttacatattc ttctgtctgc tccagggtta 780
tattcatgta gccatccagg caagccaggga cccctcgata atccactcca gaatttaatt 840
ttaccacaac tggtcgtccg atgatttgct ttaagaagtc actaggggtt tgcttccgaa 900
gactcatttt aacaatcctc gccggcggga accagaaccc tcaactccagg cgccccacga 960
gcccggccgc cgcggatgat cccagcca 988

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<210> 7299  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (282)...(571)  
 <223> similar to gi2565275 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 7299
gctgttgagc gggggccgac cgacggccag gagtttcttt tctgcgcttg tgcgttttct 60
gttcgggttc cttcccgcta gcggggccac gaggggtgct aggcaacagc ccctgggtga 120
cttggtctta gggctctgtc cggcttgggg ctgatgaaag gagctgtccg cgcccggtct 180
cttccgagaa gtggttgctg acagccacaa agtgaaaggg agtgaggcgg cgtggacgag 240
taaggagtga cagtgaggat tcacatttgg gttatttcaa gatgagcttc ctactgcca 300
agctgactag caaaaaggaa gtagaccagg cgataaaaag tactgctgag aagggtgttg 360
ttctcagggt tgggagagat gaagatcctg tctgtctgca gctagatgat attctttcta 420
agacctcttc tgacttaagt aaaatggctg ctatatacct ggtagatgtg gaccaaactg 480
cagtttatac acagtatttt gacatcagtt atattccatc tactgtcttt ttcttcaatg 540
ggcagcatat gaaagtggat tatggtggag aagatccagc cctcagaagc ataaaagctg 600
tccgcagAAC cagccctgca ggtactttag gagaaaagcc agtcaactcc tagtaataac 660
aggtaacatt gggaggggtt tgtgtgccag gcactgtgct atgtgctttc tgtgtattta 720
ctcatttaat tcttcaacag ccataagca ttgggtcttt ttattatcta ataatccgt 780
tttttataaa 790

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<210> 7300  
 <211> 6677  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (229)...(3564)  
 <223> similar to gi3043610 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	7300					
ctcaggtggt	caggaacact	tttgggaagat	aaatctaagg	aagagagtgg	tacttagcag	60
ctgtcatttt	cctttcaggc	tctgtgacg	tttgatgaca	tactgtgta	cttactccag	120
gaggaatggg	tgctgctgag	ccagcaacag	aaggagctct	gtggttccaa	caagctggtg	180
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<210> 7301  
 <211> 1340  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (251)...(973)  
 <223> similar to gi4980974 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7301						
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ccgatgcttg	ctggcacgag	gccccggggt	cagggcggct	cctccgcgcg	acccccggcc	180
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ggctgtcccc	gccgggcaca	acaagtggtc	caaagtcagg	cacatcaagg	gtccgaagga	300
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attattgggt	gctgcaaaaa					1340

<210> 7302  
 <211> 2435  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (6)...(2333)  
 <223> similar to gi558586 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7302

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gcactgaacc	tacctcatcc	tcctggaggg	tgtggctacc	ctcgccaccc	caaattccat	2400
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<210> 7303

<211> 2819

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (60)...(1109)  
 <223> similar to gi508487 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7303

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gcctgcagaa	tcatccagaa	catatgtgag	tggggccagg	gcccaggcca	ggccgctttt	1140
ttaccccagt	ggagaccagc	agaagcctgg	ggtacctagt	caccaggatc	tccaggactc	1200
ccaggggagca	gagtcttctc	atcttttcac	tggaggacag	gaggctatgg	ggcccagcta	1260
cgcacctgga	gatactgaac	tgtcaagcca	ctggcagcct	catgccacca	catttgccag	1320
aaatgcagtt	gccctgtccc	tctccagatg	tggggctttc	tccatatcct	ctgggagggg	1380
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aggggtctgg	gcttctgagc	tgatgcaggc	ccaaggacc	cctttgctga	cctctgccag	1620
gacccacaca	gcttcgatgg	atctcagtgt	ttgttaacaa	aatacaaaga	tctcaaacaa	1680
acccctttta	gcttctccta	gcaacatctg	tgtcctcaga	aacctctggt	tctccccctt	1740
ccccctcccc	caggctgccc	tggcacccaa	attgctgcca	tgctggcatc	tgtagctcgg	1800
tggcttgaca	ttctccccag	ggacttcccg	gttcctagtt	ctttgccagc	tcctccccac	1860
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ggaacttaat	ctgctgacac	agctacacct	ttcataacag	gctcagatca	ctcagctccc	1980
tgtgaccttt	gtattcaccc	aggcttcctt	ctcagtagct	ctagctgggg	gaggtgtcag	2040
ctggggccct	cctgtgctat	ctccccagag	gacatccctg	actccacccc	tttcttctc	2100
ccaaactctg	cacctcttcc	tcagctgtct	cagaccggcc	agggtaacca	gctaaccatg	2160
cctggcatct	ggaagccagc	aggccagagg	gtggcccaaa	ggctgatgaa	cggtagggaa	2220
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atgagggcct	tctcgtgagg	tactgacaac	accagcaact	cgagagctgg	gaaactcaag	2340
gaggaggaag	aaaatcaaaa	ccaccctact	ccctgggggtg	aggaaagaac	aggaggggag	2400
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acaggtcagc	agcctaggcc	tccagctata	aatagtccgg	agggcccgag	aggctcccg	2520
ccgtccagca	gggctgtcag	cttctgtgtg	ggcagcacct	ggcacactgg	ctctggccag	2580
cattatgcta	aaacctgttt	actctccaat	gaaccaggga	ggcgggctcc	tctctgcgcc	2640

tatcccttga	gaattctgtc	ttaccagtga	aggggtggggc	tgcccagatc	aggcagcagg	2700
agtgaggggc	acagtcaccc	caggccttgc	tgagcccagg	tctgggtact	gagtgtccag	2760
agctgcctcc	ccaggagggtt	aaggtggggg	caaaggggaa	gcttcaagca	ctttggcct	2819

<210> 7304

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (553)...(335)

<223> similar to gi5257260 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7304

tttttttttt	ttgatcaaaa	acctttattc	tggtcctcat	cattcaggaa	gccacttatg	60
cagaacactt	tctttcatct	ctgctctaag	cagcagcagt	tgcatccagg	cttgatatgg	120
aagacagaca	gaaatagtgg	aagaccttgc	agagaagagc	taattgatga	gatctctgct	180
tatcccggca	taggtgaagg	cagaacagga	agagtgtgtg	taagtgcaaa	gactccgttc	240
ttcaaagctg	aggcctgtgc	agaggggtga	actgaaggct	tcagatgaag	gctcacaaaa	300
ctgccccgct	cggcaatcaa	tctaaagtac	cttccagaaa	agcaaattca	tccacagctt	360
ctattgcatt	atccaagtct	ctcctctgaa	gggttttctt	ttttccctgc	tgagcgcaac	420
agtaggcatt	ttttgcaatg	gtctccacaa	acagttccgc	ggctcgtgcc	agaatgaaga	480
tggtttcctg	tcccgttagc	gtcacgtcgg	gatctgcctt	caccaaggcc	ttcactcgcg	540
ccagaggcaa	cctcgagaga	cgagccccag	gcacactcgt	tggggacctg	ggctgcgagg	600
ccgctgcctc	cccagcaggt	cccaggccta	aagagcaacc	atactgtggg	acatttcttt	660
ctcatggcag	acagcagaag	atcaagaggg	acgaaccaa	atatgccttg	tctcataacc	720
ttgtgcttag	aactggcact	ttgtcgcttc	cacccatgtt	ccacggatca	aagcaacaat	780
taaggccaag	ccccacatca	gtggagcagg	ggtgcacgtg	tcccttcagg	gagaatgggc	840
aagtacaccc	atgggcaggg	ctgtgtcacc	ctattacagg	gggaaactag	gagttgggaa	900
caacagttct	ttctaccaca	gatttagagt	gtactctt			938

<210> 7305

<211> 690

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (639)...(348)

<223> similar to gi3288881 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

09483725.012100

&lt;400&gt; 7305

tttttttttt	ttgcattttt	gttattttta	gttaaagaaa	aacagctttc	tccaagggcg	60
acaaagtgaa	ctgaagggtca	gaagggaagct	gggtgcgggc	ttcctgcaag	ctcttgctcc	120
aaaacctgga	agtgaggaga	gggcgctccg	gagctctggg	gaaggttggg	gcacacaggg	180
gttccgttgg	tgggggagaa	gagccgccag	cccacacacg	gtcactggat	tgggtgtgagt	240
gggttccaag	cgactgccat	gtgctagtcc	actgacatga	ttgacattaa	cattcttggg	300
gggcattaaa	ttaaggaatg	acacagggag	ccaagagagt	ggcttattcg	gttggattct	360
gaatcacaat	caggaaatag	tctttatctg	gtgcaaccat	aatttcattt	ttcttggagc	420
gaattcgaag	gaagggtgaga	tcgttctggg	ggtcgatgtc	acgcacgggtg	ctccgtgcct	480
tcaggatgaa	gctgtgcatg	aggctggcat	actgggtggg	ggtgggggtg	tccatggtgc	540
tcttgatggg	aatgccttct	gtgttcacga	cgatgattcc	ctgcactccc	ttctggctct	600
gcagtcgctt	cagtgtctcc	tccacctctg	ccatttccga	ccgatccggg	agccccgcgt	660
agcgaacact	tagcgagtcc	tgctcgtgcc				690

&lt;210&gt; 7306

&lt;211&gt; 1775

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (343)...(1224)

<223> similar to gil255324 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 7306

gtccgggtcc	gctgcctggc	gctgcggggc	gcgggccatg	gtggtttggg	ttgagccggg	60
cccggccggg	gcgccgagtc	ggaggggggtg	gcagtgagcg	gcggcagagg	ctacggggct	120
cggtttggct	gactggggag	tcggcaggcg	gcaggaacca	tgcgaggcca	gcggagcctg	180
ctgctggggc	cggcccgcct	ctgcctccgc	ctccttctgc	tgctgggtta	caggcgccgc	240
tgtccacctc	tactccgggg	tctagtacag	cgctggcgct	acggcaaggt	ctgcctgcgc	300
tccttgcctc	acaactcctt	tgggggcagt	gacaccgctg	ttgatgctgc	ctttgagcct	360
gtctactggc	tggtagacaa	cgtgatccgc	tggtttggag	tggtgttcgt	ggtcctggtg	420
atcgtgctga	caggctccat	tgtagctatc	gcctacctgt	gtgtcctgcc	tctcatcctc	480
cgaacctact	cagtgccacg	actctgctgg	catttcttct	atagccactg	gaatctgata	540
ctgattgtct	tccactacta	ccaggccatc	accactccgc	ctgggtaccc	acccagggc	600
aggaatgata	tcgccaccgt	ctccatctgt	aagaagtgca	tttaccctaa	gccagcccg	660
acacaccact	gcagcatctg	caacaggtgt	gtgctgaaga	tggatcacca	ctgcccctgg	720
ctaaacaatt	gtgtggggca	ctataaccat	cggtaattct	tctctttctg	ctttttcatg	780
actctgggct	gtgtctactg	cagctatgga	agttgggacc	ttttccggga	ggcttatgct	840
gccattgaga	aaatgaaaca	gctcgacaag	aacaaactac	aggcggttgc	caaccagact	900
tatcaccaga	ccccaccacc	caccttctcc	tttcgagaaa	ggatgactca	caagagtctt	960
gtctacctct	ggttctctgtg	cagttctgtg	gcacttgccc	tgggtgccct	aactgtatgg	1020
catgctgttc	tcatcagtcg	aggtagagact	agcatcgaaa	ggcacatcaa	caagaaggag	1080
agacgtcggc	tacaggccaa	gggcagagta	tttaggaatc	cttacaacta	cggctgcttg	1140
gacaactgga	aggatttcct	gggtgtggat	acaggaaggc	actggcttac	tcgggtgctc	1200
ttaccttcta	gtcacttgcc	ccatgggaat	ggaatgagct	gggagcccc	tccttgggtg	1260
actgctcact	cagcctctgt	gatggcagtg	tgagctggac	tgtgtcagcc	acgactcgag	1320
cactcattct	gctccctatg	ttatttcaag	ggcctccaag	ggcagctttt	ctcagaatcc	1380





<221> misc\_feature  
 <222> (66)...(1898)  
 <223> similar to gi3820978 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7308

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gcgagatgga	gacagccccc	aagccgggca	aggatgtccc	gccaagaaa	gacaaacttc	120
agaccaagag	aaagaaaccg	cggcgatact	gggaggaaga	gaccgttccg	accacagccg	180
gagcctctcc	agggcctcct	cgtaacaaga	agaatcgga	gctccgtcct	cagagaccaa	240
aaaatgctta	catcttaaa	aagtctcgga	tctctaagaa	gcctcaggtc	ccgaagaaac	300
cccagagaatg	gaagaaccgc	gagtcaccgc	gcggcttgct	cggggcccaa	gatccatttc	360
caggcccccgc	ccccgtccct	gtggaaagtgg	tccagaagtt	ctgtcgcatt	gacaaatccc	420
gaaagctacc	acattctaaa	gccaaaactc	gaagccgact	tgagggtggct	gaagctgagg	480
aagaggaaac	aagtatcaaa	gctgctcggt	ctgagctgct	gcttgctgaa	gaacctgggt	540
ttctggaagg	ggaggatggg	gaagacacag	caaagatatg	ccaggctgac	attgtggagg	600
ctgtggacat	tgcaagtgc	gccaaagcact	ttgacttgaa	tctgcggcag	tttggaccct	660
acagactaaa	ctactctcga	actggaagac	acctggcttt	tggagggcgc	cgaggtcatg	720
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tccacatcta	tgacaatcag	ggcattgagc	tccactgtat	ccgccgctgt	gaccgagtaa	900
cacggcttga	gttcctgccc	ttccacttcc	tcttggttac	agcttcagaa	acagggtttc	960
taacctacct	ggatgtgtca	gtggggaaga	ttgtggcagc	tctgaatgct	cgagctgggc	1020
ggctcgatgt	tatgagtcag	aacccttaca	atgccgtcat	ccatctcgga	cacagcaatg	1080
gtactgtgtc	tttatggagt	ccagctatga	aggagccact	ggcaaagatt	ctctgtcatc	1140
gtggtggggg	ccgggctgtg	gcagtagatt	ctacaggcac	gtacatggcc	acctctggcc	1200
tagaccacca	gctgaagatc	tttgacttgc	gagggacgta	ccagcctctg	agcactcgga	1260
ccctgcccc	tggagcaggg	cacctggcct	tctccagag	gggactgctg	gtggcgggaa	1320
tgggtgacgt	tgtcaacatc	tgggcagggc	agggcaaggc	cagcccaccc	tcccttgaac	1380
agccctacct	cacccaccgc	ctctcaggcc	ctgtgcatgg	ccttcagttc	tgcccctttg	1440
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gagccctggc	cgagggtgat	gtcatctccc	tggagcaggg	aaagaaggag	cagatagaga	1680
ggctgggcta	tgaccgcgag	gctaaggctc	ccttccagcc	aaagccaaag	cagaagggcc	1740
gcagctccac	ggcaagcctg	gtgaagagga	agaggaaggt	catggatgag	gaacacaggg	1800
acaagggtccg	gcagagcctt	cagcagcagc	atcataagga	ggcgaaggcc	aagcccacgg	1860
gggcccggcc	atctgccctg	gacagatttg	tgcgctgagc	cagactccag	ggttgccctg	1920
gaacagtctc	tccccaaagt	cacctgtagg	gaaatgagtg	ttccctggaa	caaggaggtg	1980
ggggcagtg	ggccccttcc	ccaactgggg	gtggacagct	gtctcctggg	gtgggttggt	2040
attaaagagg	aaagcgattt	tttggaaaaa	aaaaa			2075

<210> 7309  
 <211> 1489  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (335)...(1089)

<223> similar to gi5679136 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7309

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gcggccgctc ctaccaccct gggcagccga gcagagtcgt cccagcggg tctccctccc 60
tgctccctg actttgcaac accgcgttcc gggaggaccg gcctcggcga gggaggaggc 120
gggggagctg cgaacaccca gacccaaacc ctgacatgct ctggggcgga gaggagggaag 180
ccaggagctg agcgcagccg cgtgtggctg cttcgccctc cggctccgag cgccgggctc 240
cgggcgccct gcccttgccg ctggggcagc agcctttgct ggtcttgggg gcgccccccg 300
cttcccgccc cggggggtccg cggccggcag gaccatgctg ctgaaagagt accggatctg 360
catgccgctc accgtagacg agtacaaaat tggacagctg tacatgatca gcaaacacag 420
ccatgaacag agtgaccggg gagaaggggt ggaggtcgtc cagaatgagc cctttgagga 480
ccctcaccat ggcaatgggc agttcaccga gaagcgggtg tatctcaaca gcaaactgcc 540
tagttgggct agagctgttg tccccaaaat attttatgtg acagagaagg cttggaacta 600
ttatccctac acaattacag aatacacatg ttctttctg ccgaaattct ccattcatat 660
agaaaccaag tatgaggaca acaaaggaag caatgacacc attttcgaca atgaagccaa 720
agacgtggag agagaagttt gctttattga tattgcctgc gatgaaattc cagagcgcta 780
ctacaaagaa tctgaggatc ctaagcactt caagtcagag aagacaggac ggggacagtt 840
gaggggaaggc tggagagata gtcacagcc tatcatgtgc tcctacaagc tggtgactgt 900
gaagtttgag gtctgggggc ttcagaccag agtggaaaca ttgtacaca aggtggtccg 960
agacattctg ctgattggac atagacaggc ttttgcatgg gttgatgagt ggtatgatat 1020
gacaatggat gatgttcggg aatacgagaa aaacatgcat gaacaaacca acataaaagt 1080
ttgcaatcag cattcctccc ctgtggatga catagagagt catgcccaaa caagtacatg 1140
acaatggatg aagtccgaga atttgaacga gccactcagg aagccaccaa caagaaaatc 1200
ggcattttcc cacctgcaat ttctatctcc agcatcccc tgctgccttc ttccgtccgc 1260
agtgcgcctt ctagtgtccc atccaccctt ctctccacag acgcacccga atttctgtcc 1320
gttcccaaag atcgccccg gaaaaagtc gccccagaaa ctctcacact tccagaccct 1380
gagaaaaaag ccacctgaa tttaccggc atgcactctt cagataagcc atgtcggccc 1440
aaatctgagt aactttatat aaatatctca tgggggttta tattttcaa 1489
```

<210> 7310

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (410)...(834)

<223> similar to gi5912212 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7310

```
caagactgtc cgcactctggg tacccaatgt caaaggtgag tccactgtgt ttcgtgcaca 60
cacagccaca gtgaggagtg tccacttctg cagtgatggc cagtccttcg tgacagcctc 120
tgacgacaag acagtcaaag tgtgggcaac tcacgcccag aaattcctgt tctccctgag 180
ccagcatatc aactgggtcc gctgtgccaa gttctcccc gacggggcggc tcacgtgtgc 240
tgccagtgat gacaagactg ttaagctgtg ggacaagagc agccgggaat gtgtccactc 300
```

gtattgtgag	catggcggct	ttgtcaccta	tgtggacttc	caccccagtg	ggacgtgcat	360
tgccgctgcc	ggcatggaca	acacagtga	ggtgtgggac	gtgcggactc	accggctgct	420
gcagcattat	cagttgcaca	gtgcagcagt	gaacggggctc	tctttccacc	cgtcgggaaa	480
ctacctgata	acagcctcca	gtgactcaac	cctgaagatc	ctggacctga	tggagggccg	540
gctgctctac	acactccacg	ggcatcaggg	accagccacc	actgttgcct	tttcaagaac	600
gggggagtat	tttgcttctg	gaggctctga	tgaacaagt	atggtttgga	agagtaactt	660
tgatattggt	gatcatggag	aagtcacgaa	agtgccgagg	ccccagcca	cactggccag	720
ctccatgggg	aatctgacag	tctccattct	ggagcagcgg	ttgacactgg	aagaagacaa	780
gctgaagcag	tgtctggaga	accagcagct	aatcatgcag	agagcaacac	catgatcagg	840
ggagcaggaa	tcaggagctc	ggtggatttg	caggtggcag	gccagggatt	tgtaccatgg	900
gacttgggta	aataaagggg	actgaactct	gtgggaatca	catccataa		949

<210> 7311  
 <211> 1363  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1224)...(221)  
 <223> similar to gi4929605 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7311	
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aagaggaaca	tgtgcgacca
tgccgacgag	gcccgcac
gcttcggctt	ctggctcggc
aagctcattt	cctcctttgg
cagctccatt	tcatccagga
cctgttgtac	aactccatca
ccgttctttc	tgtgactcta
tctccgcagg	ttttcaatca
gtttatgaac	atggctctct
ctctggagtc	atgtaaacca
catgttacat	ttcttttagct
aacggcatat	ctctttgaat
cagttctaga	atggggctgg
gacaatcatt	ggaaagtcaa
tctccagaag	gtggtatcca
cttccgtaga	aatgccttta
gttgatttca	ggggctttcc
atgccagtag	ccaatgctta
gcgcacgccc	tcgtcgtctg
ttccctctgc	ctagtggcca
tggaagcggg	gtcgacgggc
gagggtaggg	ccctacctgg
tttaaacaac	gacatgtcaa
caagagtggtg	ggatgagacc
ctcctccagg	agggcaagt
taagtatatct	ccttcagccc
tgccgcatga	gctgctccag
ctcacttcag	ctcgaggtaa
tcccacccat	tcgacaggag
cccgccagg	cacactggcg
cccatgttca	cctgttcgta
ttcaggagg	ttgcggactg
agtgttggca	attgtgtatt
tctcgagat	ctgctccaat
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atactgtgca	gctttctcgt
agaagatctt	catcctttaa
atttgacaat	gacattctgt
actcgagcaa	aatacctct
aagtgtgta	tgtaagggtc
gaagcatctt	cgagggtgcc
cagcaggagg	tgatagagga
agctgtgtcc	gccagggaca
acagggagaa	agcaacagaa
gac	

<210> 7312  
 <211> 3372  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3271)...(1219)  
 <223> similar to gi5817280 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7312

aagctcacag	caaagagaag	ggctcctgaaa	gcaagttgcc	agttgcccc	ttcacagttg	60
aatacaagg	tgtaaggcac	gaatttctgg	tggtccacc	ccatccttcc	agtgtgctg	120
tgggccctta	gtctgagcca	ctccatatta	atttatatcc	cttgctgtgc	atatgttacg	180
gaatggaatt	ttccacgtgg	acatgtttag	gcaatcccc	ctttgcaagt	tcccttatct	240
gcacaaagca	tctcatgctg	tggagccagt	ggcaggttct	ccgggaccct	tcccttactg	300
tctgcctaaa	gcaaactggc	taaattcttt	cacaagtttt	tctttttctt	ttttttcttt	360
ttctttcttt	ttttttttcc	aatttgcatt	agaaagcttt	tattgagacc	agggttaacca	420
gtggcctgaa	aatattacag	gctgaaggaa	ggctgaggaa	accagtatga	aggcagctca	480
aatgatgaac	taaatatatt	ccaaaggtag	tatttatact	taaggcagtt	ttaaaagtga	540
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aaatctgtac	agcaggggac	tgttttcagc	aggaaagcct	atgtacaagt	aagaacctct	720
tactcttgta	acattgtcct	gttttgtttt	gtcttataag	aatatataac	tcctatcctc	780
acagagtttag	tccataaggc	ctcagtgacc	tcacagaaat	atggagttaa	cctctactac	840
agaactattt	acactgcact	gtaaatacac	atatgtgtgt	ccaccctcac	agctaagctg	900
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<210> 7313
<211> 2152
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(1367)
<223> similar to gi2315363 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

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<210> 7314
<211> 3928
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (155)...(2367)
<223> similar to gi28382 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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agcgcacgtg ttaggaacct agaaagattg tacaatgaat ggtgattctc gtgctgcggt 180
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tgagaacaac ccagagtact tgagggagag gaacatggca ccagaccttc gccaggactt 300
caacatgatg gagcaaaaga agaggggtgt catgattctg caaagccctg ctttctgtga 360
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cagtgaagtg actgcatcca gtttggttaa gatcaatcta caaggagata tagtagatcg 780
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<210> 7315  
 <211> 3898  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (3411)...(1271)  
 <223> similar to gi3184389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gtggtctatg	atgataatgt	catgatgttt	gtccaggaaa	caggcaagga	cagcctgagc	3420
ctccttggtg	actgtacact	taaaccctgc	tttttcacat	gccctgcaga	atccattaca	3480
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gatctccaaa	gagcccggcg	ccgcgggtcc	ggggcaaggc	ggccgtcttc	tgccctgcg	3660
ggaggcgcg	cccgcgggac	gacagcggcg	ggtgccgcgg	ggctaggcgc	gtcctcggcc	3720
accaggcgct	cggaaatgtg	gatgctcggg	gcacagccca	tgctggcggc	ggcgcgcgcg	3780
acacgctggc	gggtagccgc	gatccggtca	gcaaacggcc	caccgcggcg	ctccggggcg	3840
ccgcggggcg	cgtgtcatcg	ccgcctggaa	gggcaggcgg	cgagcgcgga	tctcgcgt	3898

```

<210> 7316
<211> 1663
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (82)...(722)
<223> similar to gi3877251 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7316	
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cacactgttg	ggagtcgctg caagaatcgg acaggcgctg agcacctgtg gctgaccgga 120
catctcaggg	acccatttgt gaaggctgcg aagggtggaga gttaccggtg tcgaagcgcc 180
ttcaagctcc	tggagggtgaa cgagaggcac cagattctgc ggcccggcct tcgggtgtta 240
gactgtgggg	cagctcctgg ggccctggagt caggtggcgg tgcagaaggt caacgccgca 300
ggcacagatc	ccagctctcc tggttgcttc gtgcttgggg tagatcttct tcacatatct 360
cccctggaag	gagcaacttt tctgtgccct gctgacgtga ctgaccgag aacctcacag 420
agaatcctcg	aggtgcttcc tggcaggaga gcagatgtga ttctgagcga catggcgccc 480
aatgccacag	ggttccggga cctcgatcat gacaggctca tcagcctgtg cctgaccctt 540
ctcagcgtga	cccagacat cctgcaacct ggggggacat tcctttgtaa aacctgggct 600
ggaagtcaaa	gccgtcgggt acagaggaga ctgacagagg aattccagaa tgtaaggatc 660
atcaaacctg	aagccagcag gaaagagtca tcagaagtgt acttcttggc cacacagtac 720
cacggaagga	agggcactgt gaagcagtga ggatttcttg tgccattttc ataattgtca 780
ttagctcctt	ttaagctaga aacgtagcct gagctcctga agagttcctg ggagatttga 840
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cgctatatattg	tgatttgagg agagaaagtt atcaagagaa agaggtgagg atggaaggat 1020
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ccatgtgtgc	cttgacggga cttcatctta tagactgtta aactgtcaca cacaacaggg 1140
ctttccaccc	ctgctctgag agcaccacgc acagatttcc agttcttagt gtggctgttt 1200
aaagtagaaa	atctgggggc tgggtgaggc cactcatgcc tgtaaaccga gggctttaga 1260

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atttccatct	ggggattaac	ttctgtcttt	ctggngaaca	atatagcaat	tcacgcattc	1440
ttcaagcagc	aaaagttccc	ggaacaatta	gggaagacgt	atgggtctgaa	tttatccagg	1500
cagtgggtct	gctttggttt	ttgctggaaa	tttatatcag	tgtctgggct	cccaagaaca	1560
taaatgtaat	tgccaaagca	agcagtgatg	tggtgtgttt	attttctttt	actcatctag	1620
gaacttgacg	cagctttata	tttaataaaa	taatagagat	tgc		1663

<210> 7317

<211> 2426

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2293)...(671)

<223> similar to gil232175 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7317

ttttttggtt	ttgaaatgct	tggttaacat	tgacttgaac	agtacagtgt	ggaggctctc	60
atcacaagca	gcacaggaca	tcctaacaag	ctttcgctgc	tgcttgacag	cctctcaaac	120
gtggagggag	atgaaggcaa	acagcgaagg	gaattccagg	gcagctgcag	gtgggatggc	180
agcacacaga	atcccaagggt	gggaacagca	gtaggcgtca	tggtgttatc	gtgctgtgga	240
aactaggcta	ctggaatcta	tacttcaatc	cacattttct	ttactcatga	aggaaaataca	300
ttgaaaaaac	tattacctct	accagttatt	cacgaaggaa	acacttcgga	agaattgatt	360
acctctacca	cttatctata	gtcttatcag	aaaacttact	atcaggtggt	tgttttggtta	420
cctatttttt	tactttaaaa	gttgtgtaac	tccctttaat	gatccaaaaa	ttagagcgggt	480
acttgcatat	gcagtgcag	tttaaagggt	aagtagttag	cttgaatttc	cgaactaggg	540
atgaatgaag	gtgttagctg	gctttgcttt	taagaaacaa	aatgtgcag	tagagattta	600
aatgatgggt	ttggaacaaa	cataaacaca	gggtaaagag	gccaaaagac	caaagctaac	660
agctatttta	gttcagcaac	atgcatttca	cggccactat	gatatgtctg	gcactaattc	720
catacatatc	cagcaattcc	tcggacttcc	cactctgggg	cactcccagc	actgccagcg	780
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cttgcgggta	gtgatcctcc	actgtaatga	tccggccctc	tgtggccttt	gcactggaga	900
cgatggtggc	gacatccaga	ggtttaatgg	taaacagggtc	gatgacacgg	ataaaaaatat	960
cttgtttcga	aagctcatca	gcagctgcta	aggcctcata	cacagtaatt	ccagctccaa	1020
taactgtgac	cttgtcactg	acacagtggc	ggaggacctt	ggcctgtccg	atctcaaaagc	1080
gttctttgtg	ggtgtaaata	accatagttt	ctggtcggtg	ggtccgaatg	aagcacatcc	1140
ccttggcatt	ggctgccaga	gcaacagcat	gctccgtgga	gacggcatca	gttgggtaga	1200
agatcgtgca	cttgggaatg	gttcggaaca	tggctatata	ctccaggggc	atctgggaag	1260
caccatcgtc	accaacagat	accccacagt	gggaaccaat	aatgttgatg	ttgctctcag	1320
cgaggcctcc	tatccggatg	tgatcaaatg	ctcgagtcag	aaaggcagca	aagggtgctag	1380
caaaagcaat	ggtccgtcca	cgggaggcac	agccagagac	cacgctcacc	atgttttggt	1440
cagccataaa	gcactcgatg	aagcgctcag	ggtactcctt	gttgaatata	tcagagaaaag	1500
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ccagagccag	accgcatgct	ttccgagtag	ctatcttgct	accaactctg	taatcaggtg	1620
gagaggtcat	ccttacatct	gtgatgttga	cttcagggtga	gtcctcaatg	gggggctgtg	1680
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ggcccttgaa	ggtcttggcc	accacagcag	tgggcttgtg	cttcacctga	gaagcctgcc	1860
agaataacctg	gcacagtgcc	tccacgtccc	ggccgtccac	cacataagtg	ttccacccaa	1920
aggcttcgca	gcgcctctga	tagatgttta	tgcagtgtc	ggcgggcaat	gcaccactgt	1980
gtcccaggcg	gttcacatca	aagattgcc	caagattgtc	cagactgtag	taggaagcaa	2040
aggccattgc	ctcccagaca	gagccttctg	aggactcgcc	atcactcatg	aggcagaaca	2100
cccggtagct	ggccctgtcg	aagtacttgc	cagtatatgc	cattccacat	gcaactccca	2160
gtccttgtcc	gagccatcct	gttgccacat	ccacaaacga	cagtctcttt	gcgaggacaa	2220
atcggtcggt	gtccggattc	tctggatctg	actgcttgta	cctcatgatg	tagaagaaca	2280
gcacagacat	gatctcagaa	gaactgctac	atgatgtagg	gtggctgaaa	gacagacatg	2340
acactggta	tttctcacag	caactggctt	cctagcacac	gacctcgga	catggtctcc	2400
tcatagaagc	ggtcatttct	cccagc				2426

<210> 7318  
 <211> 1820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1131)...(739)  
 <223> similar to gil217656 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7318	
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gtttaatggc	atttccacag
atgtgaaact	tttggggggc
ccccgcctta	gtcccaggac
tggatggcag	tgttgagggg
aggatgggac	atcttgggtca
atcatccatc	ttcatgggtg
aaagggcggc	tcagcccaat
cgagcttgct	gcaggagccc
tcttgcatct	ggtccaggaa
cctgggggtg	tcagaggaac
cccagcgtca	ggcgttgat
acgaactgcg	cagcaggcca
cgcagctcct	ggcagctctc
taccagacgc	ccagcaatgg
tttgggaagc	ctcggaggcc
tgcaggaagg	gacccatgct
actgagctca	gttacacttg
ttgtaccttt	ttcagattgg
gaaacgataa	gtaaaagaca
gcttcaacac	gcttttgtta
aaaaaaactc	atggagcgat
tacattactt	ctagtttttag
acttactcag	cgggttgcaa
atattttcaat	ataaatagag
acagggtctt	acagggtctt
cggttatctt	acctcagcct
tcagttacat	tcagttacat
gcctggccct	gcctggccct
tcagtcattg	tcagtcattg
cagagccagg	cagagccagg
ccctgtgctg	ccctgtgctg
ctgagaaggg	ctgagaaggg
ctaggggatg	ctaggggatg
gtgagcttgg	gtgagcttgg
gctcaagacc	gctcaagacc
caggagacag	caggagacag
ggccacacag	ggccacacag
cgtgtcccag	cgtgtcccag
gaggaagttc	gaggaagttc
gaacttctcc	gaacttctcc
gccaagaag	gccaagaag
cttgaggaca	cttgaggaca
gtaccagtag	gtaccagtag
ccgtgaaaac	ccgtgaaaac
atgtgccttt	atgtgccttt
actgatttct	actgatttct
accatgatat	accatgatat
ttaaacaaac	ttaaacaaac
ttggaaaatg	ttggaaaatg
aaaccttaaa	aaaccttaaa
accaaatttg	accaaatttg

09483725.012100

aattttttca	taaactaaaa	ggtaaaaccc	atttgggcct	taacccatga	ccactttttt	1620
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tagcctatgg	aaaagggcaa	aaacttcaaa	acatgtgtat	gtattattgg	gactatggat	1740
ccagggttttt	tgcattgttaa	tatctttcgt	tagggataag	gaatttacia	aacagtgaca	1800
tttgattcaa	tggttgagcg					1820

<210> 7319  
 <211> 1924  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (61)...(1445)  
 <223> similar to gi5912131 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7319						
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caaaaggcat	tgtctgtgga	aagtaaggca	gtaattaagc	agcagcttga	aagtgtctcc	120
aatggatgga	ctgtataaccg	tattgccaga	caggcttcca	gaatgggtaa	tcatgacatg	180
gccaaagagc	tttatcagag	tttgctgact	cagggttgct	caaaacattt	ctacttctgg	240
ctaaatagtt	tgaaggagtt	ttcacatgca	gaacagtgtc	tactgggtt	gcaagaggaa	300
aattatagtt	cagcactttc	ttgcattgct	gaatctttaa	aattctatca	caaagggtt	360
gcttccttaa	cagcagctag	tacaccaactg	aatcctttaa	gctttcagt	tgaatttgta	420
aaactcagga	ttgacctttt	acaagccttc	tctcaactta	tctgtacttg	taatagcctg	480
aagacaagcc	caccacctgc	aattgccaca	acaattgcc	tgaccttagg	aaatgacctc	540
cagaggtgtg	gtcgcatctc	caatcagatg	aaacagtcca	tggaagaatt	tcgaagcctt	600
gcttctcgat	atggagatct	ttaccaggca	tcttttgatg	ctgactcagc	aactttgagg	660
aatgttgaac	tacagcagca	gagctgttta	ctgatatctc	atgcaataga	agccctgatt	720
ttggatccag	aatcagcaag	tttccaggaa	tatggatcta	ctggaacagc	ccatgctgat	780
agtgaatatg	aaagaagaat	gatgtctgta	tataatcatg	tcttgaggga	ggtagaatca	840
ctcaatggga	aatatacccc	tgtttcttat	atgcacacag	catgcctctg	caatgccatc	900
attgctttgc	tgaaagttcc	cctttctttc	cagagatatt	ttttccagaa	actacagtct	960
accagcatca	agcttgctct	gtcaccatcg	ccccggaatc	ctgcagagcc	cattgctgtc	1020
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gaacctcata	atgattactt	cagtactcaa	tttctgttga	actttgctat	ccttggaaca	1260
cacaacatta	cagtgggaatc	ttctgtgaaa	gatgccaatg	gtatagtatg	gaagactggg	1320
cccagaacta	ccatatttgt	aaaatccctg	gaagaccctt	attcccagca	aattcgctta	1380
caacagcagc	aagcccagca	gccattacag	cagcagcagc	aacgcaatgc	ctacacacgg	1440
ttttaaccat	ggaatgaatg	cactgcagac	tctcaagaga	tcaatcaaat	tgccagaaac	1500
agtttggttt	ttcatatgga	ataagtatta	aagttacagt	gtagttcatt	tattcattga	1560
tttttgtaat	gtaatatctt	ggaaaaaatt	ttgttttctt	aaaaattttg	tctgacagct	1620
gggcgtgggt	gctcacgcct	gtaatcccag	cactttggga	ggctgagggtg	ggcggtcac	1680
gaggagatca	agaccatcct	ggctaacaca	gtgaaacccc	gtctccacta	aaaaatacaa	1740
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aggagaatgg	tgtgaacctg	ggaggcgagg	cttgcaagtga	gccgagactg	tgctccagcc	1860
tgggcgacag	agcgagactc	cgtctcaaaa	aaataaataa	atacattttg	tctgaaaaat	1920

09433725 "042100

<210> 7320  
 <211> 2124  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (106)...(1543)  
 <223> similar to gi5701850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7320

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tccctcgaat	ccaccagcac	gagcgtccca	ccgcgcctg	ggaccatggc	cactgactca	120
tgggccctgg	cgggtggacga	gcaggaagct	gcggctgagt	cggtgagcaa	cttgcatctt	180
aaggaagaga	aaatcaaacc	agataccaat	ggtgctgttg	tcaagaccaa	tgccaatgca	240
gagaagacag	atgaagaaga	gaaagaggac	agagctgccc	agtccttact	caacaagctg	300
atcagaagca	accttggtga	taacacaaac	caagtggaa	tcctgcagcg	ggatccaaac	360
ccccctctgt	actcggtgaa	gtcttttgaa	gagcttcggc	tgaaaccaca	gcttctccaa	420
ggagtctatg	ccatgggttt	caatcgtcca	tccaagatac	aagagaacgc	attgccactg	480
atgcttgctg	agccccaca	gaacttaatt	gcccaatctc	agtctggtac	tggtaaaaca	540
gctgccttcg	tgctggccat	gcttagccaa	gtagaacctg	caaacaaata	ccccagtggt	600
ctatgtctct	ccccaaacgta	tgagctcgcc	ctccaaacag	gaaaagtgat	tgaacaaatg	660
ggcaaatttt	accctgaact	gaagctagct	tatgctgttc	gaggcaataa	attggaaaga	720
ggccagaaga	tcagtgagca	gattgtcatt	ggcaccctg	ggactgtgct	ggactgggtgc	780
tccaagctca	agttcattga	tccaagaaa	atcaaggtgt	ttgttctgga	tgaggctgat	840
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aggaactgcc	agatgctgct	tttctccgcc	acctttgaag	actctgtgtg	gaagtttgcc	960
cagaaagtgg	tcccagaccc	aaacgttatc	aaactgaagc	gtgaggaaga	gaccctggac	1020
accatcaagc	agtactatgt	cctgtgcagc	agcagagacg	agaagttcca	ggccttgtgt	1080
aacctctacg	gggccatcac	cattgctcaa	gccatgatct	tctgccatac	tcgcaaaaca	1140
gctagttggc	tggcagcaga	gctctcaaaa	gaaggccacc	aggtggctct	gctgagtggg	1200
gagatgatgg	tggagcagag	ggctgcagtg	attgagcgct	tccgagaggg	caaagagaag	1260
gttttggtga	ccaccaacgt	gtgtgcccgc	ggcattgatg	ttgaacaagt	gtctgtcgtc	1320
atcaactttg	atcttcccgt	ggacaaggac	gggaatcctg	acaatgagac	ctacctgcac	1380
cggatcgggc	gcacggggcg	ctttggcaag	aggggcctgg	cagtgaacat	ggtggacagc	1440
aagcacagca	tgaacatcct	gaacagaatc	caggagcatt	ttaataagaa	gatagaaaga	1500
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ccgacatcac	cccaaggaca	acggcacaag	tagagagaaa	ctacctacct	cacttcaaat	1680
tatgtttgga	cttgacaaaa	atgtatgcaa	atgatggggg	atggtagaaa	aaaattattt	1740
acacaacctt	ggaagattag	gcatgaatac	acagagattt	accttttgga	agtttcatct	1800
tttaatttgg	ccagtgtttc	cttcatgcta	atctagatgc	tgtggctgat	tacttgccca	1860
ggatctcctg	tggcagcctc	tgcttggtct	ctggcttgga	gtggatgggg	cagcctccag	1920
ctcctgctcc	atttgcttcc	cagctcatac	cctctgctcc	acctccacta	ttgcaggact	1980
ttcctcagat	gctgggctat	gtcatagaga	agttgggtgt	cctgtgactt	ttcctctcca	2040
gtttctcaga	tcttgaggac	ggtattttct	ccccactgc	actctgttat	cgcgttccta	2100
acagtaggaa	attgggcatac	atat				2124

<210> 7321  
 <211> 1238  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1173)...(625)  
 <223> similar to gi4014 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7321  
 tttttttttt ttgagacgga gtctcactct gtcacccagg ctggagtgca agactccgtc 60  
 tctagagaaa aaaagaaaac cagacagatt aaaaagttgc acttaciaag cagttggggc 120  
 atttattgac atttaaaca gggaggagat cctgaacact agtctcgctc agtttataaa 180  
 aacttgaggc caaactctcc atcatctgta cacagcttaa ccacggccag gagcaagaat 240  
 tcgagttaaa cgaattgaac cagtccaacc acaagacgat aaaggggaaac agggcggtggg 300  
 gatttccagt ttttcctttt acattacaaa gtttccaaca caagaagcca acaatacccc 360  
 agtgctgcac caagttactt cccactgttt cccaaggcac agtcaattaa taatcagtag 420  
 tccaagttct aagaacattt cctggaaaac aaggacgcac ctcccgtggc tctatgcatg 480  
 gcctgccact gatgaatcaa attcttaaga acctacgacc gtctgatacc cttgaggaga 540  
 gcaccctcat agaactctcca gcatcaggcc tcagttttcc catctgtaaa agacagccat 600  
 gcaaagtggg agatccgcta ggcttccaga tcgaagtcac cgcgctcctc attgtactct 660  
 agcacgtgcc gcttgatctt ggacgagtc acccaagtga caaagtcctc catgctgcgc 720  
 gtgacaagga aggcgggggc ggtaaccacg tcaggggcca cgcgtagctg cccttgctcc 780  
 acaaaggcca cggcagcctg aagggtgctgc gccatgcgca gcttgaggag cacgggtggg 840  
 aggcggcggc ggcagaagga cgaggccgtg acgaagtgc agagctccag cgaaccgcgc 900  
 gtgggcacca agccgagagc atacagcttg tccagcagcg cggccgaagc gcgcacgcgc 960  
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 agctcgtgca ggttggtggtc ggtgacctcc cagttcagga agtccacctg cttcagcagc 1140  
 ttctgctcgt ggaacttaag cttccgcacc atgatggcgg cagccgcagc cgcaggaccc 1200  
 gaagctgaga gcgcgttctg gcatccgcgc gatttccg 1238

<210> 7322  
 <211> 2529  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(1151)  
 <223> similar to gi5326823 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7322
gggattgtgg gaaaagatgg cggctgccgc acaatcccgg gttgtccggg tcctgtcaat    60
gtcacgttct gccattactg caatagccac atctgtgtgt cacggcccac cctgtcgcca    120
gcttcatcat gccctcatgc ctcatgggaa aggtggacgt tcctcagtca gtgggattgt    180
ggccactgtg tttggagcaa caggattcct ggggcgatat gttgtcaacc accttggacg    240
catggggtca caggtaatca taccctatcg gtgtgataaa tatgacatca tgcaccttcg    300
tcccatgggt gacctgggcc agcttctgtt tctggaatgg gacgcgagag ataaagattc    360
tatccgacga gtagtacaac acagcaatgt ggtcatcaat cttattggac gagactggga    420
aaccaaaaac tttgattttg aggatgtttt tcatgtttca catctgaatg cgaatattaa    480
gtccaaggaa gctggagtgt aaaaattcat tcatgtttca catctgaatg cgaatattaa    540
aagctcttct agatatttga gaaataaggc tgttggagag aaagtagtga gagatgcatt    600
tccggaagcc attatcgtaa agccgtcgga catctttgga agagaggata gattccttaa    660
ttcttttgca agtatgcac gggttgggtcc tataccctt gggtccttgg gctggaagac    720
agttaaaca ccagtatatg tcgtagatgt atccaaagga attgttaatg cagttaagga    780
tcctgatgcc aatgggaaat cctttgcttt cgttgggtccc agtcggtacc tccttttcca    840
cctggtgaag tacatctttg ctgtggctca cagattgttc ctcccattcc ccttgccgct    900
ttttgcctat cgatgggtag caagagtctt tgaaataagc ccatgtgagc cctggataac    960
aagggataaa gtggagcggg tgcacatcac agacatgaaa ttgcctcacc tgcttggtt    1020
agaagacctt ggtattcagg caacaccact ggaactcaag gccattgagg tgctgcggcg    1080
tcatcgcact taccgctggc tgtctgctga aattgaggat gtgaagccgg ccaagaccgt    1140
caacatttag tgctcctga gcagctcttg gttttggcgt cttttgggtc ggcccatgtg    1200
gtttgagcac ccagccaggc ggtctcttta gaggatcctg tacacagttc cactattaaa    1260
acatttcagg ttgaattctg cagtattttc ttccttgatt taaaaatga gaaatgtagt    1320
cacttagaac ttgagcatga tttttgttaa acatatttaa taatgatata tatacctatt    1380
tattcctctg aaatgccag agagtttgaa ttttccctat gacaaaccac ttctatcata    1440
cgttctagaa gacaaggacc ctttttaatg tcaaagtatt gtaaagacc caagtgatat    1500
gtgattgttt ttaatttcc attaaatgag agagcataca gtatccccta acctgaatgt    1560
gtttacactg aagggtgttt taaaatttat ttaataatg tccatatgcc ttttaaaaat    1620
agtagtacat atatagaaaa acattgtcca tagattctca aacccttgc agtaattcca    1680
cagtcttctt ggatctgagc tatctgaggc cagcccgatg cccttagtac cacatctgga    1740
ttatttcaga cacatagggt gagatagatt ctcttcccat gcaaaggaga tgcttcagct    1800
tctatgccag cagtgccagc acttaggaat tatgaccttc taatgaagtt cttaaaattg    1860
cagccaagac ccagatgaac aattggttta gtgttggcaa atcccaccag tacagtgtga    1920
tttaaaactc ccacaatttg tggagaagcc aacataccac catcctaggt gaccagggt    1980
tggtcattgt gtttcaactg acttcagcct cctgatctat atttgggaca gggatgtcag    2040
taaaaatgct gtttgatgag ggaatgcccg tctccttaca gagagaaagg tatatcagtg    2100
ttgaaggtaa gttctccacc tgccctttct gcctgcatca gaatctttt atcccaaac    2160
ggtcaacagt gagctactcc aagtgtgggt catagatcac cagcattggg atcatcttgg    2220
ggcttgtagt aaatgcagaa cccgggctgg gcacagtggc tcacacctgt aatcccaacg    2280
cttttgagtt gctgtgggtg gacggtcgct tgaggccagg agtttgagac cagcctaggc    2340
aatatggcaa gacctgtct ctacagaaaa atttcaaaaa gttagtaggg catggtggca    2400
cgcacctgta gtctcagtta ttcgggaggc taaggatga tgattgcttg agcctgggag    2460
ttcaaggtta cagtgaagta tgatagtgc actgcacttc agcttggact gaagatcctg    2520
tctcagaaa

```

```

<210> 7323
<211> 1140
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (672)...(291)  
 <223> similar to gil633566 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7323

gttttgggta	ttaggcccc	tggcgaaaag	gggatgtgct	gccaaggcga	tttaattggg	60
gaaccccccg	ggttttcccc	cccccccggt	gttaaacc	ggcccgggga	attgaatttt	120
gggggccccca	taaaaaaaaat	attaccttgc	cagcccgggg	acgtaaactt	ggatccttta	180
aaacggcccc	cccttttttt	tttttttaag	tcacagcgcg	atttattatt	gtctggaaca	240
tcaaggcctt	tcctccctcg	gcagtggcac	aagggagggc	caactctcag	gaggcgccca	300
cgctgccacc	agcagcaggc	ccatggggtg	gcagggtc	ggcgggcaga	aacagcgct	360
tcagcttgcc	tgacaggctg	gcgatctcag	gatcctgggc	ttcgtaggac	ttgaccaagc	420
gagcaaaactt	aaggacacct	tcccgcgtcg	agctgaagcc	ataggctttg	ataacctcct	480
gctggatctg	cgtggccacg	ggcagcacga	attgcagcat	cttaccatg	tcgttgacag	540
cgttatcccg	agcctcgctc	atgcgcactg	cattctccgg	ggcggagaa	gcctggatca	600
cctccgcgag	gaccaccttt	gcttgctcag	cgctcaaggc	cgccggttgg	gtcgaggcgg	660
acgccatagg	gcgtctgaag	ctctagggtt	agcggaggta	aatggaaaac	tcacgaataa	720
agagccacgt	cctacaaccg	ttcccaacgc	ccctgggagc	ggaaaggaaa	cagcatccgg	780
cgcagccgga	agcgcccgag	cgtggcccaa	accttcatac	ccaagctta	caactgcac	840
aagaccacca	aaactaccca	taatttttgc	acagtgaaaa	caatctatca	ttggcaacaa	900
acatcataag	aggggctttc	cggtaaaaag	ccagaaagcc	tactagacaa	attctaaaag	960
agctgtaaca	ctgctgcgta	tgtgtttgga	gagaagatgg	gatataaagg	aactccacaa	1020
ttgatgaggg	tgagcttagg	tgactttttt	cttggtccca	ttactgtata	aacaacgacg	1080
catgtggtaa	ctttcagtag	gaaaaataat	attctaagga	acttacttaa	gtcattcaaa	1140

<210> 7324  
 <211> 2340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (65)...(1172)  
 <223> similar to gi3005696 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7324

ggatgtcccc	cacagcccaa	cctgaacacc	ttgagttgaa	tcacgctcag	cttggcacga	60
gggggaagac	caaattgata	gactggactt	tattcgaaac	cagatgaacc	ttttaacact	120
ggatgttaag	aaaaaaatca	aggagggttac	cgaggagggtg	gcaaacaaag	tttcatgtgc	180
aatgacagat	gaaatttgtc	gactgtctgt	tttggttgat	gaattttgtt	cagagtttca	240
tcctaatacca	gatgtattaa	aaatatataa	aagtgaatta	aataagcaca	tagaggatgg	300
tatgggaaga	aatttggtcg	atcgatgcac	cgatgaagta	aacgccttag	tgcttcagac	360
ccagcaagaa	attattgaaa	atttgaagcc	attacttcca	gctggtatac	aggataaact	420
acatacactg	atcccttgca	agaaatttga	tctcagttat	aatctaaatt	accacaagtt	480

```

atgttcagat tttcaagagg atattgtatt tcgtttttcc ctgggctggt cttcccttgt 540
acatcgattt ttggggcccta gaaatgctca aagggtgctc ctaggattat cagagcctat 600
ctttcagctc cctagatctt tagcttctac tcccactgct cctaccactc cagcaacgcc 660
agataatgca tcacaggaag aactcatgat tacattagta acaggattgg cgtccgttac 720
atctagaact tctatgggca tcattattgt tggaggagtg atttggaaaa ctataggctg 780
gaaactccta tctgtttcat taactatgta tggagctttg tatctttatg aaagactgag 840
ctggaccacc catgccaaag agcgagcctt taaacagcag tttgtaaaact atgcaactga 900
aaaactgagg atgattgtta gctccacgag tgcaaaactgc agtcaccaag taaaacaaca 960
aatagctacc acttttgctc gcctgtgcca acaagttgat attactcaaa aacagctgga 1020
agaagaaatt gctagattac ccaaagaaat agatcagttg gagaaaatac aaaacaattc 1080
aaagctctta agaaataaag ctgttcaact tgaaaatgag ctggagaatt ttactaagca 1140
gtttctacct tcaagcaatg aagaatccta acaatagaga ttgctttggt gaccatgata 1200
ggaggaaacg aaacttgtaa gattggaaca gttgttattt ttatgaaatt actttaaata 1260
tgaattgtac taactgtacc taaatagcaa agccctgtgt agattctggt aatgatctgt 1320
ctcagggtat gtgtattttt gaagagtgtt atgtccttag ttttaatttt gagtaaagaa 1380
aaggctaaaa tcatgaatta gttacaagca acagtaccaa cttatgtgac ccctgagggg 1440
tggggctgtg agctcttaat ttgtttttga ttctgaaaaa ctctgcttcc tggcatccag 1500
gagttagaga ttgagccttt catcttcttt ctcaaaacta gtttttgatg ctttctttca 1560
tgggaatagt cactttttta tttagtaaat cgcattgctg gaaccaccaa ggagtgtgga 1620
atgtccttga gtgtattatt tatgcaagtc acagtcacgt tgccatcatg gcagctatgt 1680
gaaacactaa taaatgtgtt tttacttttt attcccatta aaactgatgt aaaacaggat 1740
aaaggcttgt tatagtcaact tataagtatc tgggtctaag taatttcctt agatgtttct 1800
aaagaaacat tttcagcttt gctcccatta tgattccaat aaggaacgct ttccctagtgc 1860
aatttttagga gtaaagtttg aagagataaa aatagccaaa gataggagac gtctgaattt 1920
tgaatgataa acagtgatgt tttaaaaaag ctgttgttct tcaggaggca tttgcctagg 1980
atattgctgg attatacccc attggaggct ttttaatttt tttgtatgaa ttttccagga 2040
tttcattaaa aattattatt gtatttttta ccttaatgaa agattttggg ttcaaatatc 2100
tttctatatt aaaagctgat tgagtctgta catatgtaaa ttatgcctag tggaggttct 2160
gttgactttc ttccccactg tggaagaggc cagttttgcc tccatttgca cattcatttc 2220
agttatttct gatccataaa tataacattt acaaaattct tccttgagct ggtggaaatg 2280
cctcaccagt ttctctttta atgaatcaaa taaaatcttt aactgatgtt aaaaaaaaaa 2340

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<210> 7325

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (58)...(561)

<223> similar to gi5639830 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7325

```

ggaaatcccc gggccagctt ctgtactgcc aggtccgggt cggcggtgc actgcggatg 60
agaccggtgc gactcatgaa ggtgttcgtc accgcagga taccgcgga gggtagggtc 120
gcgctcgccc gggcggcaga ctgtgaggtg gagcagtggg actcggatga gcccatccct 180
gccaaaggagc tagagcgagg tgtggcgggg gccacggcc tgctctgcct cctctccgac 240
cacgtggaca agaggatcct ggatgctgca ggggccaatc tcaaagtcac cagcaccatg 300
tctgtgggca tcgaccactt ggctttggat gaaatcaaga agcgtgggat ccgagttggc 360

```

tacaccccag	atgtcctgac	agataccacc	gccgaactcg	cagtctccct	gctacttacc	420
acctgccgcc	ggttgccgga	ggccatcgag	gaagtgaaga	atggtggctg	gacctcgtgg	480
aagccccctct	ggctgtgtgg	ctatggactc	acgcagagca	ctgtcggcat	catcgggctg	540
gggcgcatag	gtgaggctcc	caccggcccc	cttgccccgc	ccggctctca	cagcgtgggt	600
tgcacccctg	gcaccacgtg	tctgaaggct	gagaagaccc	acatgctgtc	agggcacttt	660
gcttgcahta	gagatatctc	taatgaggga	tacagctttg	taaaacacag	gcaaatacat	720
aaataaacca	aagcaggatt	ccttaagaac	tcaccagggtg	ataaaaagcaa	gttgcctaag	780
ggtcaggggg	cttcatgatt	ccggctccat	aaagaacaga	tgaagactac	aaatgtgttg	840
gggccgttag	gagtggttac	cgtgagagag	cccattcccc	cgacacctac	tccggcttgc	900
gttctggaag	gtatgtgact	cacaaagccc	taactcgggc	cggagggtc	agtgggcaga	960
gttgatctgc	agttctgcag	atgaggcaga	gacacttttc	ttccagtggc	ccttattttg	1020
agaagcctgg	cagaagggcg	tgagcctatc	caagcagcta	tctattgggtg	gttctctgtc	1080
atcctgcctg	gtgcaggggt	gcgggtgagg	gtggagagtg	tggagaacct	gtctagccaa	1140
cg						1142

<210> 7326  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (225)...(616)  
 <223> similar to gi2648022 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7326	
tggaggaccg	ggtcgagcca
ggagtccata	tccgggacgg
tgctatcatt	tccgcaggcc
accagcgcc	cttgtctcgc
agaagaagct	acagggagaa
ccatgtcggg	gaggcagaaa
aactggccct	gctggatggg
aacaggagct	gggggagggt
aaattaagcg	atacgaatcc
agacccttgc	tcagctgcag
ctggcaaggc	ctgaccccat
ctaggatcta	tactgtagct
cgcggtccggc	gtttcgccca
gcggtgcccc	tcagggtctac
agggagctca	ggtaccttcc
ctttcatccc	cgccatggcg
atcaacagct	acagaaggac
aactaacaga	aaataatatc
tctttaaact	tctgggtccg
tagggaagag	gctggactat
atcttgagcg	gcagtcagag
agcgggcccc	ggcagcaaag
ggggagggga	ggggagggaa
aaaaacacct	ggaaaaaaa
gggacagggt	60
ctctcaagag	120
agagagttag	180
gagctgatcc	240
ttaagtaa	300
gtgaaagagg	360
gtgctagtca	420
atcacagctg	480
caacagaggg	540
gcaggggctc	600
tgaggcagct	660
	709

<210> 7327  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (125)...(527)  
 <223> similar to gi4689136 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7327

```

cccacgcgtc cgcccacgcg tccgcccacg cgtccggctt cctgcttcgc ctccgcgcct    60
cgcgctatgg gacagagccc ccgatccgcc agcaccacct gaggatccag aaaccgcccc    120
agcgatggaa gaggatcagg agctggagag aaaaatatct ggattgaaga cctcaatggc    180
tgaaggcgag aggaagacag ccctggaaat ggtccaggca gctggaacag atagacactg    240
tgtgacattt gtattgcacg aggaagacca taccctagga aattctctac gttacatgat    300
catgaagaac ccggaagtgg aattttgtgg ttacactacg acccatcctt cagagagcaa    360
aattaattta cgcattcaga ctcgaggtag ccttccagct gttgagccat ttcagagagg    420
cctgaatgag ctcatgaatg tctgccaaca tgtgcttgac aagtttgagg ccagcataaa    480
ggactataag gatcaaaaag caagcagaaa tgaatccaca ttctagtcct ttatgcagta    540
tacaaggaga actgtcctgt aggatattct cttcttgatg gtgcagaacc cagaattaga    600
agtttggtgt tacagcatac tctgtccttc agaaaggcgt gattctagct gttgaccctt    660
tgcagctggt ggaatctctg caagaacctc tgtattcttc taataaatte cctcttttat    720
ttaaaaaaaaa aa                                         732

```

<210> 7328  
 <211> 2155  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (226)...(1346)  
 <223> similar to gi4092648 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7328

```

ggctgcgcgg cggcagcggc agaaagcgta gctgctttgc tgtagtccac gcccccttgc    60
cgctccggtg acagtctctg cggaaagtca cgtttgtgat ttccgggagag cacagaacgg    120
gacgacggcg ctcttgctgg gtcatctggg ccaggtgacg aagaaacagt ttcttggtga    180
agcagtcctt caccctagt cagcccacac ccctagggcc taaagatgct gaggtctgta    240
tggaattttt tgaaacgcca caaaaagaaa tgcattcttc tgggcacggt ccttggagga    300
gtatatattc tggggaaata tggacagaag aaaatcagag aaatacagga aaggagggct    360
gcagaataca ttgcccagc acgacgacaa tatcattttg aaagtaacca gaggacttgc    420
aatatgacag tgctgtccat gcttccaaca ctgagagagg ccttaatgca gcaactgaat    480
tccgagagcc tcacagctct gctaaaaaac aggccttcaa acaagctaga aatatgggag    540
gatctgaaga taataagttt cacaagaagt actgtggctg tatacagtac ctgtatgctg    600
gttgttcttt tgcgggtcca gttaaacata attggtggat atatttacct ggataatgca    660
gcagttggca aaaatggcac tacaattctt gctccccacg atgtccaaca gcagtattta    720
tcaagtattc agcacctact tggagatggc ctgacagaat tgatcactgt cattaaacaa    780
gctgtgcaga aggttttagg aagtgtttct cttaaacatt ctttgtccct tttggacttg    840
gagcaaaaac taaaagaaat cagaaatctc gttgagcagc ataagtcttc ttcttgatt    900

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aataaagatg gatccaaacc tttattatgc cattatatga tgccagatga agaaactcca 960
ttagcagtgc aggctgtggt actttctcct cgagacatta ccactattaa acttctcaat 1020
gaaactagag acatgtttgga aagcccagat ttttagtacag ttttgaatac ctgttttaaac 1080
cgaggtttta gtagacttct agacaatatg gctgagttct ttcgacctac tgaacaggac 1140
ctgcaacatg gtaactctat gaatagtctt tccagtgtca gcctgccttt agctaagata 1200
attccaatag taaacggaca gatccattca gtttgcagtg aaacacctag tcattttggt 1260
caggatctgt tgacaatgga gcaagtgaaa gactttgctg ctaatgtgta tgaagctttt 1320
agtaccctc agcaactgga gaaatgattt ttccttcaag aaaaactaca gtgggattca 1380
tttacttttt aaaatacact gggtaaatca cctatactta gagtaacagt ttgttatcaa 1440
aatgcctgat aaaatatatt cttaataaaa gtcttcattt cataatgaaa tcaatttatt 1500
tggcatctta atatatTTTT ttagattcat caacagacca gtttttgtgg gcatatatat 1560
atacacgtgc aaatatcaga attgttaata atttgttaca catggacatt tgttccaaac 1620
tgactaaaaa tcaatataga tattttatat acatatatat atatataaat acaaaattca 1680
gtgtacttta ccatattaat actgaggaaa aatctgttgg agacataggt ctaggatgtg 1740
tgaagtttgg aaaaatatgc tatttaatta taatgttccc ctagactgct gtaaaccaga 1800
agtgaatcca gacttttctt cccagcctac ctttcaaaat aataaattat ttgtcctcaa 1860
atataccctt gatggaggac ttttttatTT cttatggaaa tagtgaattc ccaacaacta 1920
tgatgaacta tgttctttgc ctatttcttc actatatTTT ttttaaggTT tttttaaaaa 1980
gccttagaaa gttccatatt ggtttagggg ctaaaattgg gttgatgctg tttccccccc 2040
taattacata gttttaatcc tttggccata attttaaaaa cttcctttgt tttgattttg 2100
aatccagtga aaatcttttt gcaataaact atttttagtaa aataaaaaaa aaaaa 2155

```

<210> 7329

<211> 1785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1786)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1687)...(1261)

<223> similar to gill196417 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7329

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tttttttttt ttctgaaaaa caaaaaaac atttatttct gtaaactgtc tgagtgcaga 60
gatgttcttt acaatcccaa tacagtacag atttcttccc caaaacgaaa tgagcaagga 120
aaaacagaaa aagagctata tcaaatgtgc tcatgaagaa ccaagccaat ctacaccttc 180
tttaaaaaca aaacaaaacg atccttttga ttgtgtggtg cagacgcagg actgaagcca 240
caggcttttg ggggtgctgtg agcccagggc tttgtctcagc tcacagctag cgcggcgggc 300
agagcaaccc ttcggcccaa gccatcctcg cagcttgcac agaagcttcc tgaacctaa 360
ggatccgttc ccagctctcc ttaaattccc agtccccacc ctgggcctct ctccctaacg 420
atcttgctgc tttgggagcc cctgaagtga accctgaaat actccctccg tcaactctgg 480
gctcagacct ttgcccttct ctgtgtcaca aggaaatttc ggtcaagagg gtgggaacag 540
gtgggtttcag accgtgcagc aaagccactg ccaggtaagt tttaaggcaa attttatctc 600
ttcttattca gtctgagccg gacctaacct tctcaccacc gagcaatcct gcctatgctg 660

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gacatgcac	ttgggcaact	ccggatggag	gtgggatgag	ggagcccggg	gcagatacca	720
ggaggtctgg	gccttagtag	ggaatggacg	tgtgtgctta	tgaaggctgc	aggcaccggg	780
cacagctcct	ggcccagctg	cccctcagtg	gtacacagga	agcagggccc	aggaaaactg	840
agatggcaaa	ataggcccgg	gctctggaaa	gcaacgtgag	gtcatgcaga	tctcactagg	900
cagacctcgt	cgcgtggaag	agaaatgcca	ggaaaagggg	tactgcagg	aggcacctcg	960
gatctgatgg	caggcaggac	cttgcacaa	aatgactttt	ctttagaaca	aaaaagaggg	1020
ggagaaaaga	aaaagaagat	caaagaaaaga	ggttccatga	gcgtcatgag	ataggacacg	1080
gcagggttct	aagggaagcg	ggaaggtggg	ggctgtggac	acagggtggc	gggcgctgcc	1140
tctcatggct	tctcttctcc	ctgggtgggct	ggtgggctag	tagctgaggc	cggcggtcct	1200
ctccccggg	gagcaggcag	atgacttttg	caaggggtgg	tgtggcgggg	gctgggggta	1260
ctcgcgtctg	gcgtcgtaat	tggctcccc	cgcttcttc	agctcgctct	tgatgaaatc	1320
ttcctccagc	tccttccgat	cactgatcac	aaactcctta	gcgaaattct	gtacgacctc	1380
cttcaccagg	gtcttgtccg	tcccgggttt	ggcgcgctgc	agcccgcctga	cgttctcacc	1440
gatccacgtg	atgagggcaa	acttgacact	cttgctcatg	gcatccccgg	tgggtgaagcg	1500
cacgaaggca	aacaaccgga	cgatcatctgt	gcactgctgg	atgaagtgtg	gggtactccg	1560
tccctgctcg	ccggggacga	tgggtggagcc	gtcatattta	aaagtcaccc	agatgacggc	1620
cgagccgtcg	tcgcgcacca	ggttgtacgc	cgcccgcaa	gcctctttgt	cgatcttggt	1680
ggccatcgcc	gcggagccgc	agcgggacac	tgtccggggc	gaccgagcgc	gcccccgnc	1740
gcgtgggttct	nnngnnntt	tcgagggcnt	caggatgctt	cagat		1785

<210> 7330

<211> 2687

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (225)...(1196)

<223> similar to gi509243 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7330

accgcgcagc	acgatttctg	gctccctgag	cgccccgcac	cgacatggcg	gccgtcttcg	60
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gaagctcggg	gccttttggtg	gagccggggg	gaggaagggg	gggtgcaaga	gtgaaaggcg	180
agaggggact	gcaagcatcc	gggtcggctc	ctggccggag	caagatggct	gagggcgagc	240
ggcagccgcc	gccagattct	tcagaggagg	cccctccagc	cactcagaac	ttcatcattc	300
caaaaaagga	gatccacaca	gttccagaca	tgggcaaagt	gaagcggtct	caggcatacg	360
ctgactacat	cggattcatc	cttaccctca	acgaagggtg	gaaggggaag	aagctgacct	420
tcgagtacag	agtctccgag	gccattgaga	aactagtcgc	tcttctcaac	acgctggaca	480
ggtggattga	tgagactcct	ccagtggacc	agccctctcg	gtttgggaat	aaggcataca	540
ggacctggta	tgccaaactt	gatgaggaag	cagaaaactt	ggtggccaca	gtggtcccta	600
cccatctggc	agctgctgtg	cctgaggtgg	ctgtttacct	aaaggagtca	gtgggggaact	660
ccacgcgcac	tgactacggc	acagggcacg	aggcagcctt	cgtgcttttc	ctctgctgtc	720
tctgcaagat	tgggggtgctc	cgggtggatg	accaaatagc	tattgtcttc	aagggtgttc	780
atcggtagct	tgaggttatg	cggaaactcc	agaaaacata	caggatggag	ccagccggca	840
gccagggagt	gtgggggtctg	gatgacttcc	agtttctgcc	cttcatctgg	ggcagttcgc	900
agctgataga	ccaccatac	ctggagccca	gacactttgt	ggatgagaag	gccgtgaatg	960
agaaccacaa	ggactacatg	ttcctggagt	gtatcctgtt	tattaccgag	atgaagactg	1020
gcccatattgc	agagcactcc	aaccagctgt	ggaacatcag	cgcctgcct	tcctggtcca	1080

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aagtgaacca ggggtctcatc cgcattgtata aggccgagtg cctggagaag ttccctgtga 1140
tccagcactt caagttcggg agcctgctgc ccatccatcc tgtcacgtcg ggctaggagg 1200
ggccaagccg aagagccacc caggccacag ttctgtgccc tgccttcccc accccagcag 1260
tggccctccc ccatccctcc cctctgttcg tcccgtttga tgagaggctg tttactgggg 1320
tggggtggcg agatgggctt gagggggctc agagcataag gcttcagggc ccaagtggg 1380
agaagtgacc aaagtgtagc cagttttctg agttcccgtg tgctagactg gccagaagag 1440
aggggtctggg gcctggtcac tccggccactc tctcctgttt ctggcctctt ctcccttcac 1500
tcccgtccag tctggttttg agagcagggg ctgtttctgca gcacctcagg gaagggagga 1560
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gagctgctcc ttgcaggggc gggtcagttt cccaggccat gccgggggtg ccatctatgc 1680
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cccctggggc tgaggccccc tgtgtccaag cctccccctg gctcttcagt tctctagccc 1860
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gccaatggaa gctgcccttt gggtaggtgc tgggctcctg ggaggggcca gatgatggg 1980
tgaggcatgt ctttccagaa ctttccctgg caggggaggg atggcagaaa ctcagggagg 2040
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acttctgcta cctttgcgct gctgtgagcc tcacctggg cccctgggcc ctgcttctct 2160
gctcccctgg gtgatgggtg ggcccagaag gtggcagtc cacaccttgt cctcccacct 2220
cctgaactg tccattgctt ttataggggt aggtaagtga cagcctcca agcccaggct 2280
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tttctcctag ggctgttctt gggcctggct cttacaggct cgtcccccag gcctgccctt 2400
ctccactgcc cctcctctgt tctgggtcca cacaccctc aggaaggggg agcactgaga 2460
agcacagcac aggggctcag cctgggatcc ggtgatggtc tgggcagagg ctgggtcagg 2520
agtcccaaag gtcagtgaca gtttctcaga agaggcccag cgtccacctc tctcccaggg 2580
ccagacaccc cttcctggct ccccatccc cctatgggct cccagcccct tgcaccctca 2640
ttgctgttca gattaaagcc tctgttttgc acctgtcaaa aaaaaaa 2687

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<210> 7331
<211> 2155
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (435)...(1981)
<223> similar to gil230668 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7331
cgcacttccg tagaggtgga catggcgtgc ggctttcgcc gcgctattgc ttgccaggta 60
tggatcccgg agcgcgcaga ggagtccttg aggagctagg gaccccaaag gcctttcacc 120
gctgcggggc agtcctcagt cagctggagg gtgggtccca cggaatcctg ttagtttcta 180
ccacctctc ccccttctct ggagctgggt gagcttcaga agtcctgtgg agcgtcggct 240
gggatcagtt tgtctcggtg aaaagtaaac ttgaaagct ttccagagt ttgaatcttc 300
caccagaaaa cttgatcaca tcaatatctg cagttccaat ttcccaaaaa gaagaagtag 360
ctgattttca gctttctgtg gattctttat tggaaaaaga caatgaccat tcaagaccag 420
atattcaagt tcaagccaag agactagcag agaagctaag atgtgatata gtgggtgagt 480
aatcagtagc tgggtcaaagg actgtaaatt tcaaaataaa cagagagctc ttaacaaaga 540
cagtgtctaca acaagtaatt gaagatggct caaaatatgg attaaaaagt gaacttttct 600

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ctggacttcc	ccagaagaag	attgtggttg	aattcagttc	acctaattgtt	gccaaaaaat	660
ttcatgttgg	acattttgcgt	tctaccatca	taggaaat	tatagcaa	ctcaaagaag	720
ctttaggaca	tcaagtaata	agaataaatt	accttggcga	ttggggcatg	cagtttggtc	780
ttctgggaac	tggcttccag	ctgtttggct	atgaggaaaa	actgcagtcc	aatcctctac	840
agcatctctt	tgaagtttat	gtacaagtta	ataaagaagc	agcagatgat	aaaagtgtag	900
caaaagcagc	acaggagttc	ttccaacgat	tggaaactgg	cgatgtgcaa	gcactttcac	960
tgtggcaaaa	atttcgggac	ttgagcattg	aagagtacat	tcgggtttac	aagcgtctgg	1020
gagtatat	tgatgaatat	tcaggagaat	cattttatcg	tgaaaaatct	caagaggtct	1080
taaagttgct	ggagagtaaa	ggactcctac	tgaaaacaat	aaaagggaacg	gctgtagtag	1140
atctctctgg	gaatggcgac	ccctcctcaa	tttgtactgt	aatgcgaagt	gatgggactt	1200
ctctctatgc	aaccagagat	cttgacagctg	ctatagatcg	aatggacaag	tataat	1260
atacaatgat	atatgtgaca	gataaaggac	aaaaaaagca	ttttcagcaa	gtattccaaa	1320
tgtctgaagat	catgggatat	gactgggcag	aaaggtgcca	gcacgtgcc	tttggagtag	1380
tacagggaat	gaagactcga	agaggagatg	tcactttcct	ggaagatgtt	ttaaatgaga	1440
ttcaattaag	gatgctacag	aacatggctt	caattaagac	aactaaagaa	ctcaagaacc	1500
cacaagagac	tgcagagagg	gtcgggctcg	cagcactcat	tattcaggac	ttcaaagggt	1560
tactcttata	tgactacaag	ttcagctggg	atcgtgtttt	ccagagtcgc	ggggacacag	1620
gagtcttcct	acagtacaca	cacgcccgc	tccacagt	ggaagagact	tttggatgtg	1680
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atatcgctcag	ttacccttcta	actttaagtc	atcttgcagc	tgtggcacac	aaaacactac	1860
aaataaaaaga	tagtcctcct	gaagtggctg	gggccagact	tcactctttt	aaagctgtcc	1920
gttctgtcct	agccaatgga	atgaaacttc	ttggaataac	acctgtatgt	aggatgtaat	1980
ttccattaaa	atggctttta	aaatgtcaaa	aaaaaaaaaa	agggggggcc	cttttaaaag	2040
aatcaaat	tactgccggg	ggcggggaga	gtaatat	ttttatgggg	ccaccaaatt	2100
aaaattgggg	ggcgggttta	aaaacggcgg	ggagggaaaa	accctggtt	ttccc	2155

<210> 7332

<211> 2119

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1642)...(1065)

<223> similar to gi3098268 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7332

tttcaaagg	tttaaattg	ggaaccccc	ggtttttcc	cccccccg	ttttaaaag	60
cggccccga	atttaattt	ggggcccc	aaaaaaatt	ttaactctc	cacccccgg	120
aattaaaatt	ggttctttta	aaaggggccc	ccctttttt	ttttttgaga	gaaataaaac	180
aatttaata	tggcttcctt	gatttacaca	caactctaag	acaagaggac	aaaattttct	240
ctccatgcac	tggtagaac	aagttcagg	acaagaggca	accaagtac	aggggctgtg	300
gtgttcagat	ccacgctcag	cctcgagtct	catgttccaa	ccgaccgtct	ggctcagtga	360
ctgtggacac	tggggagagg	agggactgcc	cagacccctc	aagtgcaggt	gaggggaccg	420
gcagcagagt	atgcatgggc	actccatgcc	ccagtgcgag	aagtgcacag	gggacagcga	480
acaccagctt	ccagtgcacc	ctgaagaccc	agtgggctca	ggggggccag	ctctcccatc	540
agagctgtcc	tcagggtctg	agctgggggc	tggggctgag	gcgctggggc	tgggagggag	600
gtgggtgata	agaaccactg	cagaaaggaa	cacatgctga	atgctggggc	atgctttcct	660



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cccagacact gagttcctga agaccagct ttatcttcca agggtaacaa cattcccaag 720
actcagagct ggaaggcggc aagagtggag ccaggagaga cagatcgcat ccactcctga 780
ggccgcctcg aatgtctcca ttcccttctg gcctgccttc cccctccctt caaccccaaa 840
gacccaagaa gacaacagag atcagagacc acatccctct tccctaataa aaatagccaa 900
gtacaacatt tctaaagtta gggagaagga ggaaaaatgc cacaggcttt taaagggaag 960
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tcgaagactg tcttccgctg ctctgcacc tgcagcttcc accgctgctg ggcaccttcc 1140
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gagcgagcat cctcattctc ctctcattg tgcagttgct cagtgtatgc atccggcttt 1260
cggatcagag ggtccaccag catcaggaag gccatgtaga gcaacagggc acccaccacg 1320
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ctataagggtg gacagatgca tttgcaccgg atatcttcag aactctccct caccttggtg 1560
gcttcagctg ggggcaccag caaacacccg accacagcca ccaaagataa gagcttcatg 1620
cttatcagggc ttgctggggc agcaaagccg gacacctgga aaaagagata cggagtcgga 1680
gaagggaag gtggccacac cgcagccagc acgctaggcc cttaaccatc cggccaagtg 1740
ggaatggggg tgggggctgg gctccaggat tccaaggcct gctaaacctg gtcgccaac 1800
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cgcgaccccc gtcccctcc 2119

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<210> 7333
<211> 1295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (126)...(1016)
<223> similar to gil62941 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7333
ggacgcgtgg ggaatgaata tattcgcgcg ctctttgttg ctgcctttat tcttccctcc 60
ccagcatccc cgctccgccc ggtcaccacg acggccttct ccagccttgc cgagcttaag 120
accgcctcct gctcctgacc atcacgctca ctggggtcac tgtgctcgtg ttggtcctga 180
agagcatgaa ctccaggagg agagagccaa tcaccttaca ggacctgaa gccaaagtacc 240
cgctgccctt gattgagaaa gagaaaatca gccacaacac ccggagggtc cgctttggac 300
tgcttcgccc ggaccatgtc ttagggcttc ctgtaggtaa ctatgtccag ctcttgccaa 360
aaatcgataa tgaattgggtg gtcagggctt acacccctgt ctccagtgt gatgacagag 420
gctttgtgga cctaattata aagatctact tcaaaaatgt acaccccaaa tatcctgaag 480
gtgggaagat gactcagtat ttggagaaca tgaaaatcgg ggagaccatc ttttttcgag 540
ggccaagggg acgcttggtt taccatgggc cagggaatct tggaatcaga ccagaccaga 600
cgagtgcgac taaaaaaaca ctggccgatc acctgggaat gattgctggg ggcacaggca 660
tcacacccat gttgcagctc attcgccaca tcaccaagga cccagtgac aggaccagga 720

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tgtccctcat	ctttgccaac	cagacagagg	aggatatctt	ggtcagaaaa	gagcttgaag	780
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ttggctggaa	gtacagctca	ggcttcgtta	ctgccgacat	gatcaaggag	caccttcctc	900
ctccagcgaa	gtccacgctc	atcctgggtg	gtggcccgcc	accactgatc	cagacggcgg	960
ctcacccata	cctgggagaag	ctgggttata	cccaggacat	gattttcacc	tactaacacc	1020
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accacggtaa	actgggatgt	tttcaaaaagt	gccttgccat	gtaccttcgc	gcacacactg	1140
gttctcctct	tttggctgtg	ggcctaacaa	aaagggctca	aggggctgga	gactggctgc	1200
tggggcctcc	ttgcttgag	gctggaaa	gctccatttc	agtatctttc	tccgtgggtt	1260
tgtgaaataa	actcaagtac	aaagcaaaaa	aaaaa			1295

<210> 7334

<211> 4422

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (503)...(1541)

<223> similar to gi5730196 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7334

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cgtgttagag	agcagccagg	aaaatgaaga	tgaccatttt	tgggagcttc	tattccacaa	120
caacaaaaca	gtaagtgtag	aaaatggaga	tagaggaagc	aaaactttca	atttgggcac	180
agaccctgtt	tctttaagaa	attatcccta	taaaatatgt	gactcatgtg	aatgaatttt	240
gaaaaatatt	tgggcttaa	ttattagtaa	aaagaactgt	tccagaaaga	agcctgatga	300
gtttaatgta	tgtgagaaat	tgctccttga	tattaggcat	gagaaaatcc	ctattggaga	360
gaagtcttat	aaatatgata	aaaaaaggaa	tgccattaat	tatcaccagg	atctcagtca	420
gccaaagttt	ggccaatctt	ttgagtatag	taaaaatgga	caaggcttcc	atgatgaggc	480
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tggaagaacc	ttcattgaaa	gtttaaagct	gaatatatct	caaagacctc	atttggaaat	600
ggagccgtat	ggatgcagta	tttgccggaa	gtccttctgc	atgaatttaa	ggtttggaca	660
tcagagagct	cttacaagg	acaatcctta	tgaatataat	gaatatgggg	aatcttctg	720
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gagaattcac	acaaggggtga	aagctctttc	aacatcctga	atgttagaag	ccttcataca	1560
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004333E-043400

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aataaatact	cagcactcat	cacttcctaa	ttattttgct	acatttcact	attacctttg	2340
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tatttcacaa	agaactatat	cacgtacctt	tcctctgact	gtttcctggc	atatatgcat	2820
gaatatggcc	attattgaac	tatcacttca	gtaaagaagt	taaacagtac	ttttctgagg	2880
tttttcagct	acctctgggt	cattctgtaa	tgtaaatgtt	gttaatagga	atgggttttt	2940
acataaatta	tggcaagggt	taacaggcag	gtaacactgc	cactcctcaa	aaagtggcgg	3000
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gtctatgtaa	cactagtctt	gcgtattagt	attttagagt	atctctgcct	cccttgtcct	3120
gttgtttctt	ttgccccctt	ggaacacatt	ggtcagcagt	tctaagagac	actgccacac	3180
tgatgaccat	tccctacttc	atccttgctg	agctaaattt	tatatthttg	tgcctccttc	3240
tcccagatga	cttaggtggt	aagtccagat	tagtcaaagc	taatcatgga	agttccattt	3300
taatgattct	gttgggggtga	acttgggagc	aatgagatgt	ttgggaagta	ttgtgtagta	3360
cttctgggaa	agatctcctt	gatacaacat	tgtcatgaca	tgagaagaga	ctctgtctggg	3420
ctttttcatg	tctgtaacat	ggatttggct	tatcgttttt	atctctgaag	ggcagtagcc	3480
tgaagataac	agtgcacaag	gtgggaaaaag	ccagctcaga	ggtgacgttg	ccgagctact	3540
ctgctctcta	tacctgttct	ctactgggac	tttttataac	cctcaataac	tgttttttat	3600
ttggtcttag	ggctgtctga	tacttagagc	tgaaggcatt	ccagctgaca	cagaggaata	3660
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gttaatatag	ggatggctgt	ttgtatcagc	catggttctt	tctggtggaa	aacagaattc	3780
tccaactaaa	aatatthttaa	tggcagactg	attacagtgg	tgtgggccag	aaacaaggga	3840
cagtgaacaa	cccagagact	tgtatcagca	ggaagccatt	gccattctga	gccttgaagg	3900
gcaaggaggg	aaacagtgtt	accagagccc	agtaagaact	gctgtcatga	aggagggggc	3960
accttgtaag	agacatcatt	actaccagaa	ctgtggtgcc	aaattgctgg	tgtctctctt	4020
tggagaaaacc	aaccagatac	atctgctgga	gagcccaggt	gggcacagag	aagggtggag	4080
agagaatctg	ggaagagaaa	tggagaataa	gcagcacagt	gttattcatt	tctgtaaatt	4140
cctatgtaga	aggctcagtg	ttagaaataa	agttattcta	ctagttgcaa	gttaagtgtt	4200
tctgtttgtt	ctgctttcct	gttagcataa	gtaaactccc	tttggaaacta	cacaggtatg	4260
tctctccttc	aacatgtgtg	aagcagacat	tatattaaat	tacattatth	atacctccct	4320
gtggtgtttt	ttattgtatg	tgggtgaagg	taagcagctc	tgtattcttc	caaataaata	4380
gccagttgtc	cctgcactgt	ttgattaaaa	aaaaaaaaaa	gg		4422

<210> 7335  
 <211> 2776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (17)...(1263)  
 <223> similar to gil665795 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7335

cccacgcgtc	cgctccaaga	tggctgcctc	catagtgcgg	cgcgggatgc	tcctggcgcg	60
gcaagtgggt	cttcctcagc	tctctcctgc	aggtaaaaga	tacctgcttt	cttcagccta	120
tgtagacagc	cacaaatggg	aagcaagaga	aaaagaacat	tactgtcttg	ctgatcttgc	180
atctttaatg	gataaaacat	ttgagagaaa	gttgccctgtt	agttctttaa	caatatcacg	240
gcttatagac	aacattttcct	ctcgggaaga	gatagatcat	gcagagtatt	acctttacaa	300
gtttcgacac	agccccaact	gctggtagct	gagaaaactgg	actatccaca	cctggattag	360
gcagtgtcta	aaatatgatg	cacaagacaa	agccctatat	acccttgtaa	ataagggttca	420
atatggaatt	tttccagata	actttacatt	caattttactg	atggattctt	tcataaagaa	480
agaaaattac	aaagatgctt	tatctgtggt	ttttgaggtc	atgatgcaag	aagcctttga	540
agtgccttcc	acccaacttc	tctccctcta	tgttttatit	cattgcctgg	caaagaagac	600
agacttcagt	tgggaagagg	agaggaactt	tgggtgcatcc	cttttgcttc	caggcctaaa	660
acaaaagaac	tcagtgggtt	tcagttccca	gttgtagggc	tatgcacttc	ttgggaaggt	720
ggagttgcag	caagggctac	gggctgtgta	ccacaacatg	cctctgatat	ggaaaccagg	780
ctaccttgac	agagcccttc	aagtgatgga	gaaagtggct	gcctccccag	aagacataaa	840
gctgtgtaga	gaagcgctcg	atgtgctgga	tgcagtgtcg	aaggctctga	cttcagctga	900
tggggcttca	gaggagcagt	cccaaaatga	tgaagacaac	caggggtcag	aaaaactggg	960
ggagcagtta	gacatcgagg	aaacagagca	gtccaagctt	cctcaatacc	tggaaacgatt	1020
taaggcctta	cattctaagc	ttcaagctct	gggcaaaatt	gagtcagaag	gtcttttaag	1080
tctgaccacc	cagcttgtca	aggaaaaact	ctccacctgt	gaagcagagg	acatcgccac	1140
ctatgagcag	aatctgcagc	agtggcatct	agaccttgta	cagttgatcc	agagagaaca	1200
gcaacagagg	gagcaagcga	agcaggagta	ccaggctcag	aaagcagcaa	aggcatctgc	1260
ctaaataggg	tccccagggg	ccccacctgt	tttcacaaga	acttcactca	acccgtgcc	1320
agggacttca	gcagtggcct	ggacaacagc	ctcagcttcc	tctacccatc	ttcttttctt	1380
aaagcaggct	atgtgcccta	catggcaagg	caccatgact	gccccatcag	atgccaagaa	1440
gggctatgga	actatgcagg	tggctagtgg	tcagacaaaa	gaaaaccagc	tgaatacctt	1500
aaggaggact	cttgaggctc	ataatggagt	tcctggggca	cagggattag	ttatgagcat	1560
taaagtctct	aagaccagct	gacagtactg	ggagaaacca	aggcttgaag	agtcagggtt	1620
aagcacaggc	ttttgttttt	tgttgttttt	gttttttgag	acagagtctc	attctgtcac	1680
ccaggctgga	gtgcagtggc	gcaatcttgg	ctcactgcaa	cctccgactc	ccaggttcaa	1740
gcaattctcc	tgcctcggcc	tccttttagta	ggtgggatta	caggtgcata	ccaccacacc	1800
tttctaattt	ttgcattttt	agtagagatg	gggtttcacc	atgttggtca	ggctggtctc	1860
aacctcctga	cctcaagtga	tctgcccgcc	tcagcctccc	aaagtgtctg	gatgataggc	1920
gtgagccacc	acacccggcc	aagcacaggc	ttttgaatgg	tctccctctc	cccagcccag	1980
gtacatgagg	ccaaggtgaa	ctgtgcatcc	tgagaccttg	tgtccctgag	tctcctttct	2040
gagtgcagc	tgcactgtga	gctggctgtg	ggatactcac	acattcccac	attctccttt	2100
ctgccacatc	tcgcctttct	ggacctgcac	tgggagaaat	tcaggacagg	agtgaactca	2160
aggccatgaa	ctcactggat	ttccattttt	aggcaccat	agggatgttt	ttaggatgta	2220
agtttctgag	gagaaagcta	gctctagcat	gaagcttttt	tggattggct	tctccatcgt	2280
gttggggtaa	catttttttt	ccaatttttt	ttttccaaa	acatcgtctc	agctcattta	2340
tcaagtaggt	aaaatgagcc	ttttgtgtac	acacagaggc	acatgtgcac	gcacacacaa	2400
cttgtgaaca	cacatttctg	ttaaagaagt	tagaaaatga	gagatgggtt	ggggcttgaa	2460
gtgcatcaaa	ggtatgaatg	ttgtaaaact	gtcaggagat	gtaaaattcc	tttctgaagt	2520
gtctcttctg	tgaagggtt	cagagcagat	tttgcttact	atgtagtgtt	gcccttaagt	2580
acagtgggtg	aattttatct	aagattgtgc	tcttctatca	aaagcctctg	gaaataaatg	2640
ttccgggatc	atgttagtgt	actctttatc	tttggggaaa	gggaggaggg	agagggactc	2700
attattgtta	ctatgatttt	gaggagtgtg	ctttaaaccc	tccccatta	aactatggga	2760
tttattgtaa	taatga					2776

<210> 7336  
 <211> 1228  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (217)...(1118)  
 <223> similar to gi4775334 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7336  
 ttttaggaagg tggcttttgaa actcgcaggg ctgcttaaac aagagctaca gctattgaac 60  
 aaactgctta ccatttttag cttcaacaca ggaatgaggc agtggtgcca aacgccattt 120  
 taagaatcct gcataaatag cttagctacc gatgactctg cctgttttag cttggctgaa 180  
 gaggaaataa aaacagaaca ggaggtggta gagggcatgg atatctctac tgcgtccaaa 240  
 gatcctggct ctgcagagag aacagcccag aaaagaaagt tccccagccc tccacattct 300  
 tccaatggcc actcgcgcga ggacacatca acaagcccca ttaaaaagaa aaagaaacct 360  
 ggcttactga acagtaacaa taaggagcag tcagaactaa gacatggtcc gttttactat 420  
 atgaagcagc cactcaccac agaccctgtt gatgttgtag cgcaggatgg acggaatgat 480  
 ttctactgct gggtttgtca ccgggaaggc caagtccttt gctgtgagct ctgtccccgg 540  
 gtttatcacg ctaagtgtct gagactgaca tcggaaccag aggggggactg gttttgtcct 600  
 gaatgtgaga aaattacagt agcagaatgc atcgagaccc agagtaaagc catgacaatg 660  
 ctccaccattg aacagttatc ctacctgctc aagtttgcca ttcagaaaat gaaacagcca 720  
 gggacagatg cattccagaa gcccggtcca ttggaacagc accctgacta tgcggaatac 780  
 atcttccatc caatggacct ttgtacattg gaaaagaatg cgaaaaagaa aatgtatggc 840  
 tgcacagaag ccttcctggc tgatgcaaag tggattttgc acaactgcat catttataat 900  
 gggggaaatc acaaattgac gcaaatagcg aaagtagtca tcaaaatctg tgaacatgag 960  
 atgaatgaaa tcgaagtatg tccagaatgt tatctagctg cttgccaaaa acgagataac 1020  
 tggttttgtg agccttgtag caatccacat ccttttgtct gggccaaact gaaggggttt 1080  
 ccattctggc ctgcaaaagc tctaagggat aaagacgggc aggtcgatgc ccgattcttt 1140  
 ggacaacatg acagggcctg ggttccaata aataattgct acctcatgtc taaagaaatt 1200  
 cctttttctg tgaaaaagac taagagcgc 1228

<210> 7337  
 <211> 2113  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2114)  
 <223> n = a,t,c or g

<220>

<221> misc\_feature  
 <222> (2019)...(1436)  
 <223> similar to gi3256092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7337

tttttttcac	ttcaatgctt	tattttttaga	tgatattaaa	aacctcatta	ggctccctga	60
gggaaaagag	tgtaaccac	taacagaggc	aggggaaaaa	taaaggaaac	agaaagataa	120
gctaaattgt	taacaaggaa	agctcctcag	ttggtctgag	gatgctgtac	aagctaaaag	180
aaactttatta	ccaagaccag	gtaaatgact	tgaggttgga	gcttaatctt	ttaccctcag	240
gctagtaagg	actagtcagg	tttgtcaaa	tggcataatg	ctttattatg	atttccagat	300
gggatctggt	gggaggcggg	tgggtagaag	ggaaggcaga	gaaaccctta	aagattgtaa	360
gctaagtgt	ctataccttt	atacaatacc	aatgtgcttg	agtctcccgt	taagaggctg	420
aaaactgggc	aggcatacgc	aagactgggt	gcgagattca	atggaatgtc	aaatgaaact	480
tagaatttat	taatgtattt	acataattta	taatctttta	gcaatggccc	cataaatata	540
gactacaact	ttacatatgc	taagcaatag	atacttgctt	ttccccacca	aaataacttg	600
gttaaaaaaa	aaattgacag	catttatacc	accttcttca	cttccactct	tcttctcttt	660
taaaccattg	ctagtcattt	tagaacatat	gaaattcagt	ttattccggg	cagcttctct	720
accatcacca	tcttgatcat	gagagcttat	ttaaaaaggt	gccataaacg	tgtttggtgg	780
cacacacatg	acaaggtcag	aagcaaaccc	aggatgagct	aggcatctgc	tgctatcatt	840
gttaattttac	tgtacgtatc	ctaggctaac	atgttcaatg	aaaagtgtct	tagagatggc	900
agagatgaaa	tcattttccat	cagtcctata	aataacccat	tttagcttca	gacaataatt	960
gtcctcccta	cacttaaaact	atcctactat	atgtttaaag	atacaactcc	ctctaacagt	1020
ggtaacagaa	accaaggaaa	ttataatctc	cacaaggtct	gtttcttttc	ccttaagaac	1080
cacaaaagt	ctaattttcc	ctttacaaat	gttacataaa	atcttgatta	caaaaactact	1140
caacaactta	atcctaccat	ccatacaatt	atatgttcct	tttcagcaag	gtcaaaagcc	1200
aacgatgtag	tccctttgta	cactagagat	tctttacata	atagaagtgc	acagactgaa	1260
atatcattgc	tgcagtcctt	ggagaacaga	actggtccat	ttctgtgaat	cctttttgca	1320
cggagaagac	tcaagactgg	ctagggtgaaa	actgggtggc	gggaccccag	ccctcctggt	1380
aactttcagg	accacctact	tcatcatcaa	gtctgagagg	ctgagggttc	gtcagcagca	1440
gctccgcttt	ggctctgaag	gctgtcttcg	gagtttgaag	cccttaccgc	cagatggcag	1500
gttggtgtca	gtggatggaa	ttcttcgact	aattttctata	aagagtccat	ttatgtttat	1560
cgcgtttttt	gcgctgggtc	ctacaaaaat	tgcatgaata	gagtcggcgt	agtcctttgc	1620
atctctctcc	atgacttctc	ttacatcgat	aagatcacat	ttatttcctg	caatggcaac	1680
tacaatatta	ggtgggcca	gctgtcgaag	ctctttcacc	caattcttta	atgttgaaaa	1740
tgtctcttct	tttgtgat	cataaacgat	tatagctgca	gccgaccctc	gatagtacat	1800
tggtgctaag	gcacgaaatc	gttcttgtcc	agctgtatcc	cagattagga	atttatgtag	1860
ctcatttttg	tactggacag	tcttggtcat	aaaagatgcc	cctattgttg	ggttgatgtt	1920
tggtacaaaa	ctgtcttcca	caaaccgcca	cacaatactc	gatttaccta	cacctgtatc	1980
cccagcaga	cacactttga	gtccctcag	cgccatggcc	cgggagccag	gggcgcgggc	2040
ggacgcgtgg	gcgcacgcgt	ggatctccgg	gccggtaccg	anagcgatca	attgngtca	2100
atnnccccac	gcc					2113

<210> 7338  
 <211> 1569  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (96)...(963)  
 <223> similar to gi4929635 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7338

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agcggctgtc	caatcgagtc	gtgcgtgtgt	tgggctgtaa	cccgggtccc	atgaccctcc	180
aaggcaccaa	cacctaccta	gtggggaccg	gccccaggag	aatcctcatt	gacactggag	240
aaccagcaat	tccagaatac	atcagctgtt	taaagcaggc	tctaactgaa	tttaacacag	300
caatccagga	aattgtagtg	actcactggc	accgagatca	ttctggaggc	ataggagata	360
tttgtaaaag	catcaataat	gacactacct	attgcattaa	aaaactccca	cggaatcctc	420
agagagaaga	aattatagga	aatggagagc	aacaatatgt	ttatctgaaa	gatggagatg	480
tgattaagac	tgagggagcc	actctaagag	ttctatatac	ccctggccac	actgatgatc	540
acatggctct	actcttagaa	gaggaaaatg	ctatcttttc	tggagattgc	atcctagggg	600
aaggaacaac	ggtatttgaa	gacctctatg	attatatgaa	ctctttaaaa	gagttattga	660
aaatcaaagc	tgatattata	tatccaggac	atggcccagt	aattcataat	gctgaagcta	720
aaattcaaca	atacatttct	cacagaaata	ttcgagagca	gcaaattctt	acattatttc	780
gtgagaactt	tgagaaatca	tttacagtaa	tggagcttgt	aaaaattatt	tacaagaata	840
ctcctgagaa	tttacaatga	atggctaaac	ataatctctt	acttcatttg	aaaaaactag	900
aaaaagaagg	aaaaatattt	agcaacacag	atcctgacaa	gaaatggaaa	gctcatcttt	960
agtttcagat	taaagaaagc	tttgttttat	tttgctttga	gagaatggta	tgttttctta	1020
actatagggt	attttataga	gaatataaaa	gtataaaaca	ttaaaaataa	ccctagatat	1080
actttaaaat	aatgttatat	ttatgctaaa	atatgtaaat	tacactatac	aaccatatga	1140
taggttattt	ctctaacctt	gtcttctaac	gtttttacca	aaattcataa	tctaatagtt	1200
tatcagtttt	caatagatta	aataaaatga	ttactttaaa	aataataaaa	tttatctaata	1260
ttaaagttag	tattattttt	ggccggttagt	tatctattac	tagtgatcag	ttatactgtt	1320
ttctatagct	actttattta	acagcacaga	tttctatgca	cctttactct	ttcctcaacc	1380
cttgtctcta	tctgtacata	attgctttgt	cttgatgttt	ctatcaacta	tatcatgact	1440
atctattggg	tccataactc	tgtatcatgt	gtattttctt	attctgggtat	accacaaatg	1500
attcatgcaa	atgaattttt	ggtgattgaa	aaatattaaa	ttcccaattt	aaagtaaaaa	1560
aaaaaaaa						1569

<210> 7339  
 <211> 1690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (339)...(1033)  
 <223> similar to gi4102980 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7339

ttttttggta	tcgattgggg	ccggggacgc	ggagcaggtg	gccgcggcgg	ggcagctggg	60
ccgccagctt	ggtgcctcgg	ggaccgtctc	ccgctgcttt	ggtcaccagc	ccctgcccgc	120

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ccgacccgct ccgttctccg gcctgcgagc cctgccggcc ggactttgcg ccgcgtccgg 180
cgctgctgct gcgctcgggg ccccgctcgg cgccggcggt gaccgggaag cccgcgttaa 240
aggggcaacc gggaccctgg cccggtatgg ctgaagtcag catcgaccag tccaagctgc 300
ctggagtcaa ggaagtatgc cgagattttg ctgtcctgga ggaccacacc ctggctcaca 360
gcctgcagga acaagagatt gagcatcatt tggcatcgaa cgttcagcgg aaccgtttgg 420
tccagcatga tctccagggt gctaagcagc tccaagagga agatctgaaa gcgcaggccc 480
agctccagaa gcgctacaaa gaccttgaac aacaagactg tgaaattgct caggaaattc 540
aggagaagct ggctattgag gcagagagac gacgcattca ggagaagaag gatgaggaca 600
tagctcgctt tttgcaagaa aaggagttac aggaagagaa aaagagaaaag aaacactttc 660
cagagttccc tgcaacccgt gcttatgcag atagttacta ttatgaagat ggaggaatga 720
agccaagagt gatgaaagaa gctgtatcta ctccatcacg aatggcccac agggatcagg 780
aatggtatga tgctgaaatt gccagaaaac tgcaagaaga agaacttttg gctacccagg 840
tggacatgag agccgctcaa gtagctcaag atgaagaaat cgctcgactt ctaatggctg 900
aagaaaagaa agcttacaaa aaagccaagg agcgggagaa atcatctttg gacaaaagaa 960
agcaagaccc cgagtggaa gcaaaaaacag ctaaaagcagc aaattcaaag tcaaaaagaga 1020
gtgatgaacc tcaccattct aagaatgaaa ggccagcacg gccaccacca cctatcatga 1080
cagatggtga agatgcggat tacactcatt ttacaaacca gcagagttcc acacggcatt 1140
tctcaaaatc agagtcctct cataaagggt ttattacaa acattaaaaa cctaggaatc 1200
tgctttgaaa atggactcac tatagcaaat attactgggt gatacagaat gaattctaca 1260
cttacttttt ttctcctgtg tttgcattcc tgggatttat cctcaagtgc atttctgacc 1320
ataagtaatt ttaattcatt tcaaatgttt tggttattca tgatcacttg ggcagtataa 1380
gaaaatgtag cttctgaata ttggccacct ctatgctgca tatacttctt gggatatagt 1440
atctaagacc tttgtaaact gccattttgt taggtatgga gtttggtatc tagggagtag 1500
gccttattta gcaattcaaa ttttatggag atgaatgatc aaagtgaac aatgtttgga 1560
tgcaacgcag aataaaagaa tataagaaat agctttttgt tgcattaatg tatgatattt 1620
tgaaggacag agcctttgct ttttgtattc ttttaagaaaa gcacaaccat aaagtatttt 1680
aaaaaaaaa 1690

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<210> 7340
<211> 2423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (185)...(1090)
<223> similar to gi5565862 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7340
acagttatga ccatcattac gccagcttgg cagcaggcct cgtgccacag ccggcgaccc 60
ggagccgaga gcgggcgggc gagcctgagc tggacgcggc cagccggcg cggcgggata 120
tgtggtgcct gtcataagct ccagagagct gccttccaca agaccagcag aagagtgggc 180
aaacatgaaa tccaatcctg ctatccaggc tgccattgac ctacacagcg gggctgcagg 240
aggtacagca tgtgtactga ccgggcagcc ctttgacaca atgaaagtga agatgcagac 300
gttccctgac ctgtaccggg gcctcaccga ctgctgcctg aagacttact cccagggtggg 360
cttccgtggc ttctacaagg gtaccagtcc agcactaatc gccaacatcg ctgagaactc 420
agtcctcttc atgtgctacg gcttctgcca gcagggtggt cggaagtggt ctggattgga 480
caagcaggca aagctgagt atctgcagaa tgcagccgcc ggttccttcg cctctgcctt 540
tgctgcactg gtgctctgcc ccacggagct cgtgaagtgc cggctgcaga ccatgtatga 600

```



gatggagaca	tcaggaaga	tagccaagag	ccagaataca	gtgtggtctg	tcatcaaaag	660
tattcttagg	aaagatggcc	ccttgggggt	ctaccatgga	ctctcaagca	ctttacttcg	720
agaagtacca	ggctatttct	tcttcttcgg	tggctatgaa	ctgagccggt	ccttttttgc	780
atcagggaga	tcaaaagatg	aattaggccc	tgtacctttg	atgttaaagt	gtggagttgg	840
tgggatttgc	ctctggcctg	cggatatacc	agtggattgt	atcaaatcca	gaattcaagt	900
tctttccatg	tctggaaaac	aggcaggatt	tatcagaacc	tttataaatg	ttgtgaaaaa	960
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caatggagca	ctcttttttg	cctacgaata	tagcaggaag	ttgatgatga	accagttgga	1080
agcatactga	agtgtccttg	tgggcctgag	ccaagcacag	gtgtttgagg	actacagttc	1140
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tgtcttttgt	cttcccttct	accctacatc	ttaaacttta	tggaagaacc	tctattttgc	1260
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ttggtaaaaa	tatagagtgg	tcagtagcct	tatgcaccta	attccaaagg	tggaaatatag	1380
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cattttctcat	gaagatgctt	ataaatgggt	gcttaacccta	ttctagatgt	agggctgct	1560
taatgtgtgt	acttttctaa	gtggttgatt	attttttatt	tttttgatac	ggagtctcac	1620
tctgcactcc	agactgggtg	acacagcgag	acttcatctc	aaaaaaaaaa	agaaaagcaa	1680
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tccaacacca	gcagggtatc	tccaataaaa	gtgttcctaa	gcagcctgta	tactgagtgc	1920
aagcaggcta	tcaattttta	taatagtcca	taccatgtat	gtgtttctgt	cagcagaatg	1980
tacatgttgt	acaaaacctc	cagggttcctt	aagctttttg	ctgtccatga	atcctctgtg	2040
gcaactgtaa	tcacagagcc	agaagccaga	gggccaggga	tatgagaggg	tgacaaacat	2100
caggggacat	ctggggagga	gatccctgtc	atgtctcttg	tgccatggag	ctattatggc	2160
tgttcttcca	tttgcttttt	ctttaagtga	aaaccatttt	tctactttgc	ttttctctcc	2220
atacttaaat	ggtcagtagc	tactgagtgg	tgttttatct	gaataggcct	ggatcgaaat	2280
aaaatagaaa	tgggactggc	tttccacagg	aagtaaactt	gctttcagga	gccacaagt	2340
cccctgctca	gtgtccggaa	agaagtcagt	catccctgtt	gggcagtgaa	atcttcccac	2400
aggcccgtcc	aattagagaa	ttt				2423

<210> 7341

<211> 1585

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1358)...(1216)

<223> similar to gi4973019 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7341

tttttttttt	tttttttttg	cctctaacag	aagcatcaag	ccactgactt	aatatcccat	60
gagctcctac	tatgatgaca	taacatgtca	cattttattgc	tcttacctac	ttcctaagtt	120
actgcttgcc	taataaggaa	aagggaaga	aataagagtc	caaaagacac	tcagaacacc	180
agcagcagct	ttcaagtaag	gactcagggg	caggggtctca	caactcctcc	atttcatgtt	240
tcatttacat	tgtcttcgtg	ctccagcagc	aaggctgaca	tgtgctttgg	ggtaggagcc	300
tggagtattt	ctgccagatg	gtctgaggtg	acgtatactc	ctagagccca	agtgaccacc	360

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agaagggaca tgtgagacag caggcagagg ccatacatgg aggatcacac tccctcagac 420
gtcatcagcc ccatgcttta tcctttgact ccccttgatc ctcaaggcca ggtgggggtgc 480
ccctgctgca tgctccagag aactgtgggc ctctcctacc atggctctca atgcactgtt 540
ccataaactgg cttctcccct ggacagagcc accctgggtct ccttgtaagc tttagtgtgg 600
cttgtccctg agtgtgtggg gtaggaatag gagtgtgttc ttgtgtatgt tgcaatcttt 660
aggctcagga gacaaggagt tagacctgag tcctgacatg tgcactcatt tgtactcacc 720
attacattct atttaattgc tttgagccag acaggctgtt ttctttacca tgaaatatac 780
taatcattca aaaaagcctt gtgtttaaga agacagcaaa aaacatcact tcaaaaaggc 840
aacttttttt ttttcttggc atcaatgaat atgcacttca gaaatctaca gagaactttt 900
ttcactttgt atttgttcca cagcattcta gccaggagta caaaatagga gctcttcaag 960
cagcacatga agatggccca ggagccttca gccatccaga gcagcagagc agcacctaaa 1020
tctccacaca cttcccagta taaccactaa gaacacacta gacccttggc attaggggat 1080
ttatcatttc cagtctctatt atctgggaat gactccaagg gtttgtgaca agcttttgaa 1140
acgtaagtgc taagacgagt gtggacaagt cactgagcta atgaagaata gaccactgt 1200
ctgcttggct ctgctatttt gtacctgtct tcacatgtgg ggaaacttca taactgtgcc 1260
cacaaatcag agaaattcgc aaaggactag acaatgtatt gcctgtgaac ttcagaggca 1320
actggaaata gtgcaactgg aaatcaacta gcttcataca taggcggatt tgtttccagg 1380
gaccaaagc acagaagata agaaaacttt tcaggtgatg gccatattct catcatatcc 1440
tctctgtgtg gagtctgcct gttgtcacia aaaccttgac cctacatcaa gttacaccct 1500
taacaaaggg aagatacagg catccagata aaaggctactt gtttgaaagg cagcccataa 1560
gggagaactg aacttaaaaa aaaaa 1585

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<210> 7342

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (93)...(1063)

<223> similar to gi30219 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7342

```

cccacgcgtc cgcggacgcg tgggcgaggg tgtaggaagg aaagcccagg acctccggag 60
cagagcacag cagctgcaga ggcaaggcca gcatgtcgcc caacttcaaa cttcagtgtc 120
acttcattct catcttcctg acggtcttaa gaggggaaag ccggtacctt gagctgaggg 180
aagcggcgga ctacgatcct ttctgtctct tcagcgccaa cctgaagcgg gagctggctg 240
gggagcagcc gtaccgcccgc gctctgcggt gcctggacat gctgagcctc cagggccagt 300
tcaccttcac cgccgaccgc ccgcagctgc actgcgcagc cttcttcacg agcgagcccg 360
aggagtccat taccatccac tacgaccagg tctccatcga ctgtcagggc ggcgacttcc 420
tgaaggattt tgatgggttg attctcaagg gggagaagtt cccagttcc caggatcatc 480
ctctcccctc agctgagcgg tacatagatt tctgtgagag tggctcttagc aggaggagca 540
tcagatcttc ccagaatgtg gccatgatct tcttccagat ccatgaacca ggaaatggat 600
tcacattaac cataaagaca gacccaacc tctttccttg caatgtcatt tctcagactc 660
caaattgaaa gtttaccctg gtagttccac accagcatcg aaactgcagc ttctccataa 720
tttatcctgt ggtgatcaaa atatctgatc ttaccctggg acacgtaaat ggtcttcagt 780
taaagaaatc ctgagcaggt tgcgagggaa taggagactt tgtggagctg ctgggaggaa 840
ctggattgga cccttccaag atgacgcctt tagctgatct ctgctacccc tttcatggcc 900
cggcccagat gaaagttggc tgtgacaaca ctgtggtgcg catggtctcc agtggaatac 960

```

```

acgtaaactcg tgtgactttt gagtatcgtc agctggagcc gtacgagctg gaaaacccaa 1020
atggaaacag tatcggggaa ttctgtttgt ctggtccttg aataaccaac ccagtgattt 1080
acatgctgat agctaagtga gtttttaatg gccatttgt atgattttga tgcacaacta 1140
gttaaaaagcc tttcatacca gtcagtattc ccagccttga gcgcacgcgc gcacacacac 1200
acacacatac acacacgcat taatttttgt actttgcttc ttttatgttt gtaatctgta 1260
aatgaacaca tggcagaaaa taacccttga ttggtaggat catagtctta aatggaaatg 1320
tttgtaattc tttgatgtgc taaaaacctg aaactggtaa gacaagcaca aagcaacgtg 1380
caatacaaaa atcgtatctc aagggaaaaat actcaaagaa agaaaagtgg cagcacttat 1440
attagtttta taacaggata aagtcttgtg tatagcaaag tagttgcatc tgtttatttt 1500
ctattttatta ttgttacaat aggtaatagt tatagcaatt atttattgat ttgtaacaac 1560
ttgttttttaa ccaaactttg tagcatggaa aaaattttcc atccacaaat acaaacatga 1620
ataaatacat tcagaatgtt ggccccatga aaaaaaaaaa aaa 1663

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<210> 7343
<211> 2712
<212> DNA
<213> Homo sapiens

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<220>
<221> misc feature
<222> (197)...(2123)
<223> similar to gi4836401 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7343
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cgagagagccc agttgaaggc ctttacgaag tgaaagaggc cgggagtcgc cccctacccg 120
cttctcgtag tcctgggagc acagcagaag tgtttttctt tttttaatga acaagtaaac 180
catacaaatt gtcaacatgg gacggagatc tacatcatcc accaagagtg gaaaatttat 240
gaaccccaca gaccaagccc gaaaggaagc ccggaagaga gaattaaaga agaacaaaaa 300
acagcgcgatg atgggttcgag ctgcagtttt aaagatgaag gatccaaaac agataatccg 360
agacatggag aaattggatg aaatggagtt taaccagtg caacagccac aattaaatga 420
gaaagtactg aaagacaagc gtaaaaagct gcgtgaaacc tttgaacgta ttctacgact 480
ctatgaaaaa gagaatccag atattttacaa agaattgaga aagctagaag tagaatatga 540
acagaagagg gctcaactta gccaatattt tgatgctgtc aagaatgctc agcatgtgga 600
agtggagagt attcctttgc cagatatgcc acatgctcct tccaacattt tgatccagga 660
cattccactt cctggtgccc agccaccctc tatcctaaag aaaacctcag cctatggacc 720
tccaactcgg gcaggttcta tccttcctct tcttgacat ggggttccac gtttgcccc 780
tggcagaaaa ctccttgccc ctccccctgg tccacctcct cctcaagtcg tgcagatgta 840
tggccgtaaa gtgggttttg ccttagatct tccccctcgt aggcgagatg aagacatggt 900
atatagtcct gaacttgccc agcgagggtca tgatgatgat gtttctagca ccagtgaaga 960
tgatggctat cctgaggaca tggatcaaga taagcatgat gacagtactg atgacagtga 1020
caccgacaaa tcagatggag aaagtgcagg ggatgaatgt gtgcaccgtg ataatggtga 1080
gagagacaac aatgaagaaa agaagtcagg tctgagtgtg cggtttgagc atatgcctgg 1140
aaaatcaagg aagaaaaaga agaacatgaa ggaactgact cctcttcaag ccatgatgct 1200
tcgtatggca ggtcaagaaa tccttgagga gggacgggaa gtagaggaat tttcagagga 1260
cgatgatgaa gatgattctg atgactctga agcagaaaag caatcacaaa agcagcataa 1320
agaggaatcc cattctgatg gcacatccac tgcttcttca cagcagcagg ctccgcccga 1380
gtctgttcct ccttctcaga tacaagcacc tcccatgccg ggaccaccac ctcttgacc 1440
accacctgct ccaccattac ggccctcctgg gccacctaca ggccttcctc ctggtccacc 1500

```



agctcagcag	ggtggatatg	agatcccagc	aaggttgcg	acgttgca	acctggtgat	720
ccagtacgca	gcccagggtc	gctatgaggt	ggccgtgcc	ctctgtaagc	aggcactaga	780
ggacctggag	cgcacatcag	gccgtggcca	ccctgatgtc	gccaccatgc	tcaacatcct	840
tgctttggtg	tatcgtgacc	agaataagta	taagggaagct	gccacactgc	tgaatgatgc	900
ccttagcatc	cgggagagca	ccttgggacc	tgaccatcct	gctgtggctg	ccacactcaa	960
caatttggt	gtgctctatg	gcaaaagggg	caagtacaag	gaggcagagc	ctctgtgcc	1020
gcgggcaactg	gagattcgag	aaaaggtcct	gggcacgaat	catccagatg	tggcaaaaca	1080
gctgaacaac	ctggccctct	tgtgccaaaa	ccagggcaag	tatgaggccg	tggaacgcta	1140
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ccggaccaag	aacaacctgg	cttcctgtta	cctgaaacag	ggcaaatatg	ctgaggctga	1260
gacactatac	aaagagatcc	tgacccgtgc	ccatgtacag	gagtttgggt	ctgtggatga	1320
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ccatgagggt	gggacaccct	atgctgagta	tggaggctgg	tacaaggcct	gcaaagtgag	1440
cagccccaca	gtgaacacta	ctctgagaaa	cctgggagct	ctgtataggc	gccagggaaa	1500
gctggaggct	gtgagacccc	tggagggaatg	tgccctgcgg	tcccggagac	agggcactga	1560
ccctatcagc	cagacgaagg	tggcagagct	gcttggggag	agtgatggta	gaaggacctc	1620
ccaggagggc	cctggagaca	gtgtgaaatt	cgaggggaggt	gaagatgctt	ctgtggctgt	1680
ggagtgtcc	ggggatggca	gtgggaccct	gcagaggagt	ggctctcttg	gcaagatccg	1740
ggatgtgctc	cgcagatnca	gtgaactctt	tgtgag			1776

<210> 7345

<211> 1588

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1589)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1200)...(761)

<223> similar to gil208729 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7345

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tgggaggaca	aatcatctca	aatgtatatt	tttgaattat	gtgccaat	tataattagt	180
acaaaaatga	cagctgaaat	attttaaaaa	tgtaaaaacc	agtccaggca	acataactat	240
accatcttgc	tgtaaaagta	cttatatcga	attccgcaca	aaatattttt	gcaatatgct	300
aaatttagtt	cttcaagtca	ctcttcaactg	ccggctggct	tttccatttt	ctgttgtctc	360
catcccat	tcctctttta	gatgttgata	tagttcagct	ctgttattaa	cagagttcaa	420
acgtccagca	aattcctgat	gttttctgga	attggcagta	ttgattctat	tactccacaa	480
ggataataac	gacactggcc	cttttgattt	ttccacttgt	ggagtttcat	ccatttcaac	540
aaggggtttt	ttgtttggag	gttctgggga	atcaggcgaa	tcttttataa	tctcagcttc	600
agccaattct	tcttttccac	gctctaagat	tccttttaat	ctctctgagt	cttgccaaga	660
cttttctctg	tcataatctt	tcactgcttt	ctctgacttg	tcctctttgt	cttcctcttt	720
tcttctctgt	ttctttctgt	cttctcttct	tgggggtttg	ctcctgcatg	ccatcagaca	780



<210> 7347  
 <211> 971  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (242)...(451)  
 <223> similar to gi2392823 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7347  
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 ccaaggtcgg ggcagctgtg attgctccct ggtcctggag aggaaactgg ccatctgctt 120  
 tatctgaaga ttttcagctg atgaagaact aggaggctca aacactatct tacctgagtc 180  
 caggacaagt gacttggaga gtgtgctctt ctgtggcagg atcaggtctg tctagggcag 240  
 gatggcccag gatctcagcg agaaggacct gttgaagatg gaggtggagc agctgaagaa 300  
 agaagtgaaa aacacaagaa ttccgatttc caaagcggga aaggaaatca aggagtacgt 360  
 ggaggcccaa gcaggaaacg atccttttct caaaggcatc cctgaggaca agaatccctt 420  
 caaggagaaa ggtggctgtc tgataagctg atggcatgga gccctgccct gagtgtctgt 480  
 ccctcttcag ccaagcccaa gtctcctaga cccccaggga gccagtgaac tgtcaccttc 540  
 tcttcatcac agaattagta aagatccctg aacaaatgca ttgtgaaccc attccccact 600  
 cccaccttca actcttttct cccattatct cctccacctg ctgggtctct gctgaccttg 660  
 ctgggaacac tctgaggaca gtgtggctgg ccgagcgggt ggcccatgg gtggtggggt 720  
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 cagagtagtt tgggctgggg gccagggttg ggtggctctg tccctccata tcatgtccta 900  
 ccctatggtc ctgttcctag tcatttagat caccocagat ggcctgatga caacaagagt 960  
 ttgtgaagtt a 971

<210> 7348  
 <211> 2683  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (59)...(711)  
 <223> similar to gi2804584 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7348  
 cccacgcgtc cgcgcacgct tgggtgcgtgc gcggcgactg cgacgggcag tggcagtcac 60  
 ggcggctcag tgcgtgaggt tggcgcggcg cagtcttctt gctttggcgt tgtctctcag 120

gccatctccc	cggttgttgt	gcacagccac	gaaacaaaag	aacagtggcc	agaacctgga	180
agaggacatg	ggtcagagtg	aacagaaggc	agatcctcct	gctacagaga	agaccctcct	240
ggaagagaag	gtcaagttgg	aggaacagct	gaaggagact	gtggaaaaat	ataaacgagc	300
tttggcagac	actgagaact	tacggcagag	gagccagaaa	ttggtggagg	aggcaaaatt	360
atacggcatt	caagccttct	gcaaggactt	gttggagggtg	gcagacgttc	tggagaaggc	420
aacacagtgt	gttccaaaag	aagaaattaa	agacgataac	cctcacctga	agaacctcta	480
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accggttgag	gggaaggagc	caggcacagt	ggccctagtt	agcaaagtgg	ggtacaagct	660
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gatgggggtg	gtgtttttta	actcacttga	tgtaaactctc	aaggctgggt	cattgtttct	780
catctatgag	tacgtgtgac	cttttcccaa	accttattgg	aaaccttaag	taaccagtgg	840
ctaaacagaa	aagccggttg	cccaactgca	ttaatgaact	ctaattcggg	agtctgttcc	900
cttttagtgc	cacgcgttga	atagttccac	atactttcag	aagagctcag	cagggccctg	960
cctggtctcc	cgagcatcat	gagtaacgtg	tctgctcaga	ctctgctgac	accaaagtat	1020
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ccatgtgtcc	ctgcggcgca	tgagtgactg	gcgtatttag	cccgtcacat	ttcattcgct	1140
gaaggaaagg	caagagagtt	gaaacatttt	tcttacttaa	aaaaaatgat	ctttgtgaag	1200
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gttcctttta	ccctgttctg	ttcatctaaa	tgcagacata	tttaaatacat	attcaactag	1380
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cgcttggtgt	actttaaatg	ttaatgttta	atttaaaatt	tttatttaag	aggattaaag	1500
ccctaattgt	tattttccta	ctttctgaaa	acaattttgt	gtcctctcat	ggagatcctt	1560
gccgctgagg	caagcatggc	ttagccttcc	cattctctac	tccagcccag	aagctgtcag	1620
cttgacacgt	gcgtgcgtgc	acattcacgt	acacacatat	acaggcttct	acacagaaaag	1680
ggagagccac	actccccacg	tgcagctgca	gcccgtccgg	taagaatacg	aaacaccccag	1740
gagccacagc	aagggcacag	gatttgcaaa	atcatcttgc	caaagggtctg	ttcctcattt	1800
acacggtcat	ccagggtcta	gaaaaaggct	gaatgattgg	cgtctgttac	aaaaaagaga	1860
aaagaacctt	tcgctgcctt	tgcttctaga	atggaagata	cttgtgaaag	ccatttgctg	1920
cacaggaaaag	atggggcagt	ttatttcaact	tctaatttta	aaagacgcaa	gtaatggtcc	1980
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ttaatttggg	cagaaacaac	taaaggcagc	atcgtgtatt	ggagaaaaca	tgactgggag	2100
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<210> 7349

<211> 1260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (131)...(977)

<223> similar to gi29794 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 7349

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ctaggtgaag atgtcagccc aggagagctg cctcagcctc atcaagtact tcctcttcgt 180
tttcaacctc ttcttcttcg tcctcggcag cctgatcttc tgcttcggca tctggatcct 240
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gtccaaagtc ctggccatct caggaatctt caccatgggc atcgccctcc tgggttgtgt 360
gggggcccctc aaggagctcc gctgcctcct gggcctgtat ttgggatgc tgctgctcct 420
gtttgccaca cagatcaccc tgggaatcct catctccact cagcgggccc agctggagcg 480
aagcttgccg gacgtcgtaa agaaaaccat ccaaaagtac ggcaccaacc ccgaggagac 540
cgcgggccgag gagagctggg actatgtgca gttccagctg cgctgctgcg gctggcacta 600
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acgggacctg gggctttcgt ccacagcttc ctgtcccat ctgtcggcct accaccaccc 1200
acaagattat ttttcacca aacctcaaat aaatcccctg cgtttttgtt aaaaaaaaaa 1260

```

<210> 7350

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (173)...(838)

<223> similar to gill154901 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7350

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atccttccct tcccccccca cctcgagggg cgggcctggt tcccgggaca ccatgtcgga 180
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ccttcaaatt tgggatatag gagggcagac aataggaggc aaaatgttgg ataaatatat 420
ctatggagca cagggagtcc tcttggtata tgatattaca aattatcaaa gctttgagaa 480
tttagaagat tggatatact tggatgaagaa agtgagcgag gagtcagaaa ctcagccact 540
ggttgccctg gtaggcaata aaattgattt ggagcatatg cgaacaataa aacctgaaaa 600

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```

acacttacgg ttttgccagg aaaatggttt tagtagccac tttgtctcag ccaagacagg 660
agactctgtc ttcctgtgct ttcagaaagt tgctgctgaa atccttggga tcaaattaaa 720
caaagcagaa atagaacagt cacagagggg ggtgaaggca gatattgtaa actacaacca 780
ggaacctatg tcaaggactg ttaaccctcc tagaagctct atgtgtgcag ttcagtgagc 840
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tactcagggt tgaaggcttt ctgaattctg ataaatgttc agctgatgct ccacgtggaa 1560
tttctcttgc aaactgcata agagtactcc cgagaatgag ttatgacatt gtggatccag 1620
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aa

```

```

<210> 7351
<211> 6911
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (6651)...(3898)
<223> similar to gi2224641 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7351
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caggtaactc cctagagcgg tccccgaggc cccagaggcc accgaggttt tcctaaccctc 180
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aactccgtaa cagtgtaggc cccaatgtca aagttgacta acattaaatg cttcatgatt 300
tatattattg catctaggac aaggaagatc aaaatcaggt tcacccacag cgctttttta 360
aaaaaacggg gcatctcagg ggaccttagg aggggaattta ggcgcgttct gggcaggggc 420
ttgcgggttc tgtcacctgc cccttaggtt gcttgtgaac gcaagtgtct ggggtgtggg 480
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```

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<210> 7352

<211> 1624

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1275)...(449)

<223> similar to gi309074 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7352
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agcatatcta taaggcaaat aaaacaaata tttctttcat agtgtgggca tccaacttta      180
gataatctgg aaaaaaatca ctctagcccc tgaataccat gatgtgcatg atgtgcaaaa      240
tgaaagtatc acccaaaata ttttcaaagc taaaaagaaa atattttaaat tcaaataactt      300
taaccaaatt ggaaatgcaa acagtacact tagagtcacat cttagccagc tgttctccaa      360
acaaaagatc gagaaacaaa accaagaaca aagacaatgt aaaaaagaaa aggtttatct      420
agaaaaactg gaagctcatc aaagtcacat ttcttcttct gattcttggt ctcgttcagc      480
atttttcaga agtccaactt ctgaggagca gagcctctta agtctagatt taaccaacca      540
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gcatatggtg agaaacaaaa tattttcatg atccatcaga tcccatgcag gacctccact      660
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gccatgagtg tggtttaga agataaaggc ctccacaaat aaggcatttg acaacattaa      900
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gccagttaaa gccatgccaa ctattgtaat tccctccaaa atttccaatc gatagaataa     1140
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ctttgtacac caccaaagac caataataaa aaagaagggt ccaggggaggg catgacctct     1260
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agcttaaaat cagacagcgg ctgggctttt gttgttgctg tttctgttct tttgatccca     1380
gagcccatg aaaattaaac cgtgtgttg atgggatctg gccacgtctc gcattgggtg     1440
gggggggggg aatttttaaa cttgggtccc tagtcgcttc tttgggaaaa cgaataaata     1500
ataagtggcg agaaggagag gacgtggggg acgtgctcgg ctgacgtcgg cccgcgagga     1560
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ccgc
1624

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<210> 7353
<211> 2520
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1163)...(1244)
<223> similar to gi667000 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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caatcatagc tcactacagc ctgaaattcc tgggctcaag caatcctccc acctcagcct     120
tcctagtagc tgggatcaca gataagagcc actgcacttg gcccaaaaac atattttaaaa     180
tgtaataact ttagattggt ttcaagtcac ttatagggaa taatggaacg tatttatacc     240
agagtattaa caatgtagaa ggacccttga aacgaagcca aaaagatagg agctgtggca     300

```

<210> 6376  
 <211> 3884  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (548)...(3887)  
 <223> similar to gi3882149 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6376

cacggaaaaa	gatgaaaaaa	cagctcacia	cttgagaaac	gtactgatac	atttctggga	60
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tttgggtgta	tctaacctat	tacaggtgct	tcagaagccg	aagggtctcat	tgaagtcaag	180
taaaaaaaaa	aatggtaagg	ttagatttgc	tgatgagata	cttgaaagca	ataaagagaa	240
tgaaaaatgt	gtatcttcag	aaggagagaa	gattgaatgc	tgggaattaa	caactgaacc	300
ttctctcact	cataattctt	caggcctttt	gtctcctcta	aggaaaaaac	ctttggaaga	360
cttagtctgt	aaactcgcag	atataagtat	taattatgtc	aatgaacgaa	agtcagagca	420
acatctaagg	tttctttcta	ctctgcttga	ctccttttct	tcaagccgag	tatttaaaat	480
gctacttggg	gatgaaaaac	agagtattgt	ccaagccaaa	cctcttgaaa	tagccaagct	540
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gaattctctt	cttaagatta	ttgaaaaggc	atgtcctagt	tcagataaac	atgctttagt	780
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atttttgtca	aaagaagaaa	agaaagaatt	tagtgctcaa	tgtataacctg	ctcttttggg	2040
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ttcttgtctg	caaaccaaaa	gtatagatga	tggagagcta	ttacatggaa	tattaaaaat	2160
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agcctgtaga	acatgcaaga	aaaaattcca	ttcagccctg	cttgtacaaa	tggtttacat	3840
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<210> 6377

<211> 2490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(1481)

<223> similar to gi3647275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6377

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gcttccggag	gctggagacc	cgaggtccc	ggggcagccc	tggacgcgc	ccctctcctg	180
cggctcccga	cggcgcgccc	gcttccggga	ccagcgagcc	tggccgcgcc	cgcggtgcag	240
gtgtttgcaa	gagcagaccc	ttggacctgg	tgtttatcat	tgatagttct	cgtagcgtac	300
ggcccctgga	attcaccaaa	gtgaaaactt	ttgtctccc	gataatcgac	actctggaca	360
ttgggccagc	cgacacgcgg	gtggcagtg	tgaactatgc	tagcactgtg	aagatcgagt	420
tccaactcca	ggcctacaca	gataagcagt	ccctgaagca	ggctgtgggt	cgaatcacac	480
ccttgtcaac	aggcaccatg	tcaggcctag	ccatccagac	agcaatggac	gaagccttca	540
cagtggaggc	aggggctcga	gagccctctt	ctaacatccc	taaggtggcc	atcattgtta	600
cagatgggag	gccccaggac	caggtgaatg	aagtggcggc	tcgggcccga	gcatctggta	660
ttgagctcta	tgctgtgggc	gtggaccggg	cagacatggc	gtccctcaag	atgatggcca	720
gtgagcccct	agaggagcat	gttttctacg	tggagaccta	tggggtcatt	gagaaacttt	780

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cctcttagat tccaggaaac cttctgtgcg ctggaccctt gtgtgcttgg aacacaccga 840
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atacaccttg aatgccgaca agaaaacgtg ttcagctctt gatagggtgtg ctcttaacac 960
ccacggatgt gagcacatct gtgtgaatga cagaagtggc tcttatcatt gtgagtgtga 1020
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ccaaaatccc caaattcact ttattatttt gcttcaggat ccaagtgaca aagttatata 2220
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cacctgcctc agcctcccaa agtgctggga ttacaggctt gaaagtctaa ctttttttta 2340
cttatatatt tgatacatat aattcttttg gctttgaaac ttgcaacttt gagaacaaaa 2400
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taaaagttat tacctttaca taaaaaaaaa 2490

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```

<210> 6378
<211> 2375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1155)
<223> similar to gil815637 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6378
gggccatggg gctggggccg gtccctgctgt ttctggccgt cgccttccct tttgcacccc 60
cggcagccgc cgctgagccc cacagtcttc gttacaacct catggtgctg tcccaggatg 120
gatctgtgca gtcagggttt ctgctgagg gacatctgga tggtcagccc ttctgctgct 180
atgacaggca gaaacgcagg gcaaagcccc agggacagtg ggcagaagat gtccctgggag 240
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ccctgactca tatcaaggac cagaaaggag gcttgcatc cctccaggag attagggctc 360
gtgagatcca tgaagacagc agcaccaggg gctcccggca tttctactac gatggggagc 420
tcttcctctc ccaaaacctg gagactcaag aatcgacagt gcccagtc tccagagctc 480

```



```

agaccttggc tatgaacgtc acaaatttct ggaaggaaga tgccatgaag accaagacac 540
actatcgcgc tatgcaggca gactgcctgc agaaactaca gcgatatctg aaatccgggg 600
tggccatcag gagaacagtg ccccccatgg tgaatgtcat ctgcagcgag gtctcagagg 660
gcaacatcac cgtgacatgc agggcttcca gcttctatcc ccggaatatc aactgacct 720
ggcgtcagga tgggggtatct ttgagccaca acaccagca gtgggggggat gtctgcctg 780
atgggaatgg aacctaccag acctgggtgg ccaccaggat tcgccaagga gaggagcaga 840
ggttcacctg ctacatggaa cacagcggga atcacggcac tcaccctgtg ccctctggga 900
aggcgctggt gcttcagagt caacggacag actttccata tgtttctgct gctatgccat 960
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tgagtatctt ggtgatgact cccctgacc agcccaggac cagctttctt gtcacctga 2280
gggtccctcg ccccgtcaca ccgttatgca ttactctgtg tctactatta tgtgtgcata 2340
atttataccg taaatgttta ctctttaaat agaaa 2375

```

```

<210> 6379
<211> 1446
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1447)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1127)...(253)
<223> similar to gi4101574 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6379

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ggcgggtggc tgtgcagctg gagatctctc agcaccttgg gttgggggcg gggctgggcg      120
ggacatggga tggaggcggg gcctgtggcc agacaggggtg gaccttgggg cctgcaggca      180
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cgccaccgcc atggtcaggt acatgcgcag ctggttccgg gccccacgca ccgggacccc      360
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ggtcagccag gccagggtcg agctcgcttg cagccccagg aggtctgggg agaacctatc      660
ctgggtcccc agcgcaagac cagccaccaa aacgtagggtg atgaaagcca ttgctggaat      720
gtagaggtcc ggggcattga cgtcaaagcg gggggccacc ggggtgtcct gttggtactg      780
cacttcccag tcctggtgta ggtaggggaa gaacagcagg cccagctttc tgcccacata      840
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aagctggtgg gggtcggcca tgcccggctg ggacacaggg atcctccgct tcgaggctgc     1140
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tcattcatcc cacagctctg cctcctgctg cagaggaggg tgggtgtcacc attagagaca     1260
ctggctttga tgtcagatgg actggcaggt gcaagctctg ccattcatcc accaaccac      1320
ccatctagcc aactatccat ccaactgata attcatctat gcatccattc atctaccac      1380
ccatccatcc cccganttcc nccgncctgt gctaagntcn gcagcnggga ttcattgggn      1440
gccgcc

```

<210> 6380

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(973)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (451)...(600)

<223> similar to gi3204434 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6380

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gtgtgtgggg aggtgtata tggagaagga gcccgaagaa aggatcagaa cggagaccac      60
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ctggtgtgta ctggtcactc gcagtcttaa atctagtagg gccgaaagta ctagaaggag      180
gttgtccaga gaggtctgcc ctcaaaatgc tcctgaaaga tgcttgctta tgcttttctt      240
taaaaattat ttctggggaa gggcggggag tggtcacagg atcttatatt ctctttatct      300
ttacttaatt tgcatgttat ttttagaact ccccttttta agggtcacat tttgcctcag      360
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```



<223> similar to gil006659 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6382

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cccggggagt	catggtctcc	atcacccaac	tccatgcttc	gagtcctgct	ctctgctcag	180
acctccccctg	ctcggctgtc	tggcctgctg	ctgatccctc	cagtacagcc	ctgctgtttg	240
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cgaaggtctc	gcctccctcc	gaagccacct	ccccctttgc	agcccccttct	ccgaggtggg	660
caagggttgg	aagctgctct	aagctgcccc	cgttttctgc	ggtatccacg	gcagcatctg	720
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ctttccttaa	aaaaaaaa					1818

<210> 6383

<211> 2601

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (127)...(1996)

<223> similar to gi3114816 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6383
cgtggggaat tcccacgacc cgtgacactc tgtggaccgc gagcacggag cagggtttct 60
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cttgccatgt ctgcccgggt ccgcctggcc atgagcctgg ctgaggcctg catggacctg 360
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ttgctgtggg tgcgtgcctt g 2601

```

```

<210> 6384
<211> 1316
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (239)...(1181)  
 <223> similar to gi4995956 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6384

```

cccacgcgtc cgcgctcgcc tccgggatct cgtgagatca cggccaacttc cgggagtcgg      60
aaaggaaagc tgtgggacca tcttggaac cccggtgttt ggctgggttc tagcgtagcc      120
gtctgtgtgg ccggtggggg acctgcggtc ggagtgggag ggccagtctg cacccaagag      180
gtggaagagg acgggcttta ggctggaagc gccttagagg agccattttt ccagcaggat      240
gcctgggtttg cttttatgtg aaccgacaga gctttacaac atcctgaatc aggccacaaa      300
actctccaga ttaacagacc ccaactatct ctgtttattg gatgtccgtt ccaaattgga      360
gtatgacgaa agccatgtga tcaactgccct tcgagtgaag aagaaaaata atgaatatct      420
tctcccggag tctgtggacc tggagtgtgt gaagtactgc gtggtgtatg ataacaacag      480
cagcaccctg gagatactct taaaagatga tgatgatgat tcagactctg atggtgatgg      540
caaagatctt gtgcctcaag cagccattga gtatggcagg atcctgaccc gcctcaccca      600
ccaccccgtc tacatcctga aagggggcta tgagcgcttc tcaggcacgt accactttct      660
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tgaaatcgtg ccagggaagg tcttcgttgg caatttcagt caagcctgtg accccaagat      780
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ttcttccctt cttacgccac atgtgtcact tcattgaaat tcaccatcac cttggctctg      960
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tcatgcatag taacgagcag accttgacga ggtcctgggc ctatgtcaag aagtgcacaaa     1080
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aagggtactg aagagcctca cctgggggca ttttgtgggt ggagggccag agtgtgtata     1260
cccaggcttg tctggaagga gaaggccttt gctgcctgaa agtcgcaaaa aaaaaa      1316

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<210> 6385

<211> 2136

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (100)...(997)

<223> similar to gi4406663 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6385

```

gcggccgcgg agacctacct gcggcgctcg cagctgctgc tccgagatac cggggagacc      60
acgacgtgct ctctggggcg ccatgagttc ctgttcagct tccagctgcc cccgaccctg     120
gtgacatcct tcgagggcaa acacggtagt gtccgctact gtatcaaggc caccctgcac     180
cggccctggg tcccagcacg ccgggcaagg aagggtgttca ctgtcatcga gcctgtggac     240
atcaacacgc cagccctgct ggcacctcaa gcgggggctc gggaaaaagt tgcccgatcc     300
tggtactgta accgtggcct agtctccctt tcggccaaga tcgaccgcaa gggctacacc     360
ccaggagagg tcatccctgt ctttgccgag atcgacaacg gctccacacg tcctgtgctg     420

```

cctcgggag	ccgtggtgca	gacacagacg	ttcatggccc	gaggcgccc	aaagcaggaa	480
acgggagtg	gtggccagcc	ttcgcgggcg	agccggtggg	ccccgggag	gcgggcgctg	540
tggcagggcc	gggactgag	gatcccccca	gtgggtcctt	ccatcctgca	ctgccgcgtt	600
ctacacgtgg	actacgcact	caaggtctgt	gtggatatcc	caggaacgtc	caagctgctg	660
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gcattagagg	gggcagctgg	acaagctccc	aactgcagag	tcccagccct	ggctggggca	2040
gggccccggc	ctgggactca	gcatttctga	tatgccttaa	gaattcattc	tgttttgtac	2100
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<210> 6386

<211> 1705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1665)...(600)

<223> similar to gi5381422 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6386

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cagagatact	tgaacggttg	ctcgaaaact	ataaactttg	ggatttctaat	agctagaaac	180
aaattgtcag	cttttactaa	ttccaaagaa	gttaagagag	aacctcataa	gaagagagtt	240
ttattcaaca	ttatggcatg	gccagttgta	attgttccaa	caaagggaac	ctactttggt	300
gccccgagga	aatggctgtt	tgtgatgctg	gggaaaagtc	aagatgctga	cgcctaattg	360
ctgttctagc	ctttccaggt	ttgtaacatg	aagatgggga	aggaaatggg	caccactgct	420
gtttgtaatc	tgagggaactc	ttgggcagca	ttcactctcc	aaaggcagta	caaaacttac	480

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aaaggaaggt caaaaagtct taacactccc attcccccca ggaactcttg tctgtgtcat 540
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tttgataggg ttccaatcca actcggtctg cttcagcctt gctgctgggc ctgaatgtaa 660
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cccagtggga acgccattat cttccagagc agacacgagt gaaccacgaa gagaaaaccc 780
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gggccacgcc aggtgcgcca cgaaa 1705

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<210> 6387

<211> 2431

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2432)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2426)...(548)

<223> similar to gi603560 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6387

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aatccagtgt cagactctgc agcaagacgt cagggtggggg gaccagcagg ggaggcgagg 180
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tcggcgctcg aagccccgc tggccacccc tggctcctcc ggaggcacct cccatgagaa 600
gggcgggtct gctctggttg ctccgacccc gagtggctca gccctggctc ccctttggcg 660

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ctccagcctg	ggaggtctg	gggctcacg	tgccgaagt	gaagacatg	cgcttggtcc	840
cgtgggggtt	ggaggttca	caggagatg	catcgcgct	cagggcgctg	gtcactttca	900
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<210> 6388

<211> 2689

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1200)...(2609)

<223> similar to gi5419882 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6388

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tctgctggag	gcagaaggag	aaaagaagac	catgataaag	aagattatgc	cacaccagc	240
ccaccctggg	catgcgggag	aggtcggagc	tgggtgaacgt	gtgtgtgcac	agcgtgttct	300
ccctgccctc	cgtgcaggcg	atgcaggaga	aggacgaggc	caaggctgag	accatccagg	360
ctctttacca	tcagaccctg	gaggccctgc	agacactgct	caaagccctc	tttatcgagg	420

0948735.01400

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acccactcc tgctgggctg aagagcatct tggaggccct ggggccttgg atgaactctg 480
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ttctaactct gcctttcttt attgcaatac aaacagatgc ccttgggggtt cccggcgctg 600
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<210> 6389

<211> 3776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(2898)

<223> similar to gi3510535 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 6390

<211> 1819

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1508)...(560)

<223> similar to gi4929581 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6390

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<210> 6391  
 <211> 5737  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4304)...(2359)  
 <223> similar to gi4240199 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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attgaaactt	cacaaataca	agtcaaacaa	taccacctct	atcatacaga	cgtgaaaaca	4620
gaggcccaaa	gagctcaagc	aacttgccct	aaatcatata	cctagcagac	ggagaggcag	4680
gattcaaacc	cagaattctt	ttcttttttg	aaacggagtc	tctctctgcc	ttccaggctg	4740
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cggggctggg	gccacgtcag	ccaaatccca	gcgagcgctg	atcaacacgt	ccagtacccc	5340
ttaaagaatc	agaaataaat	aggctgggca	tgggtggctca	tgactgtaat	cccagcactt	5400
tcgggaggcc	aaagtgggcg	gatcacctga	ggtcagtagt	tccaagacta	gcctgcccac	5460
catggtgaaa	ccccgtctct	actaaaaata	caaaaaatag	ctgagcatgg	tggcagaggc	5520
ctgtaatctc	agctactcgg	gtggctgagg	caggataatt	gcttgaacct	gggaggcaga	5580

ggttgacgtg	agctgagatc	gtgccattgc	actccatctt	gggtgacaga	gtgagacatc	5640
atcttctttg	ctccaagctg	cactctggct	ttgcctttga	gtcacgtggc	atcttctttg	5700
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<210> 6392  
 <211> 3275  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (179)...(2300)  
 <223> similar to gi338649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6392						
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ccgccccgc	ggctcctggc	cagaccaccc	ctagtcccc	ctgccccaa	tcgcagccat	180
gaactacctg	cggcgcggcc	tgctggacag	caactttatg	gccaatctgc	caaattgggtg	240
catgacagac	ctgcagcgtc	cgcagccgcc	cccaccgcgc	cccggtgccc	acagccccgc	300
agccacgccc	ggtcccggga	ccgccactgc	cgagaggtcc	tcgggggtcg	ccccagcggc	360
ctctccgggc	gccccctagc	ccgggtcctc	ggggggcggt	ggcttcttct	cgctcgctgc	420
caacgcggtc	aagcagacca	cggcggcggc	agctgccacc	tcagcgagc	aggtgggcgc	480
cggctctggg	ggcgcaggcc	gcgggggagc	gcctccagg	gtgctgctgg	tcacgcagca	540
gccgcacacc	gactgggcaa	aatacttcaa	agggaaaaag	atccatggag	aaattgacat	600
taaagtagaa	caggccgaat	tctctgatct	caaccttggt	gcccatgcca	atggtggatt	660
ctctgtggat	atggaagttc	ttcggaacgg	ggtgaaggtc	gtgcggtctc	tgaagccgga	720
ttttgtgctg	atccgccagc	acgccttcag	catggcacgc	aacggagact	accgcagttt	780
ggtcattggg	ctgcagtatg	ctggaatccc	cagtgttaac	tccttgcat	ctgtctacaa	840
cttctgtgac	aagccctggg	tgtttgccca	gatggttcga	ctgcataaga	aactggggac	900
agaagaattc	cctctaattg	atcagacctt	ctaccccaat	cacaaagaaa	tgctcagcag	960
ttacaacgta	ccccgtgggt	gtgaagatgg	ggcacggaac	actctgggga	tggggcaagg	1020
tcaaggttga	caaccagcat	gacttccagg	acatcgcaag	tgctgtggca	ctgaccaaga	1080
cgtatgccac	tgccgagccc	ttcatcgatg	ccaaatatga	cgctgcgtgtc	cagaagattg	1140
ggcagaacta	caaggcctac	atgaggacgt	cagtgtcagg	gaactggaag	accaatactg	1200
gctctgcgat	gctggagcaa	attgccatgt	ctgacagata	caagctgtgg	gtggacacgt	1260
gctcagagat	ttttggggga	ctggacatct	gcgagtgga	agcgctacat	ggcaaggacg	1320
gaagggatca	catcattgag	gtggtgggtt	cctccatgcc	gctcattggt	gaccaccagg	1380
atgaagacaa	acagctcatc	gtagagctcg	tgggtcaaca	gatggctcag	gccctgcccc	1440
ggcagcgaca	gcgcgatgcc	tcccctggca	ggggctccca	tggccagact	ccgtccccag	1500
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ccccaccggg	cgggcagcag	cgccaggggc	cgccccagaa	acccccaggc	ccagccggcc	1980
ccacacgcca	ggccagccag	gcgggtcccg	tgccccgcac	tgggcccacc	accacgcagc	2040

```

agcctcggcc cagcggcccg ggccccgctg gacgtcccaa accacagctg gccagaaaac 2100
ccagccagga cgtgccgcca cccgccaccg ccgctgcagg gggacctccg cccccccage 2160
tcaacaaatc ccagtctctg accaatgcct tcaaccttcc agagccagcc ccgcccaggc 2220
ccagccttag ccaggacgag gtgaaagctg agaccatccg cagcctgagg aagtctttcg 2280
ccagcctctt ctccgactga taccccaactc tgagaacccc aaaatccctg ggcaaccctt 2340
ctctggggccc tgaatccatt tctcactttt ggagtctcca aatcccttga gaacccatct 2400
cccggttctc caagattcca cctctcattc ctcaagatcc ccgagtacct tgagaaacct 2460
gactcctcct ggccctaaat ccggttctca catgtggaat ccccaagtcc ttttagaacc 2520
ccactcgtgg gtcacttcag gatctacttc tgttttagaa cctccacatt cctgaagacc 2580
tccgcccctg gtttccccag agggcgtttt ccttcctggg aagtgcccaa ataccaggca 2640
acccattgca gaatcccttc ctggagccct gaagttcctg ggaaaaccct atttttggtc 2700
ccaaatctct ccagcacacc tatttcccat cataattttc caaatcctca agaaaaccct 2760
actgttgagc cccttcccat ggatcttcca tccctctgaa gatccacatc ttcaaagtcc 2820
acccaacacc tagccccaca aggatttccc ttcaccagct cccctcaacc tcattcaata 2880
ccttgggagc ccctccact tccaggaccc ctccggttccc ccagggaacc cctccccagt 2940
ttcctgcctc tgacagctgt ctttaaatat gcaaactcca cccatcttcc cagaatcctt 3000
tgcacacgga aggccagtgg tctccgcttc cccacctttg ctgtggtgtc tgtgtctgtg 3060
actgacgtgg cctccttttg tgccgtgctt ggcatatgtg gtcctcgttc atcgtgccgc 3120
ctgtggtgat gcgtgcagtg acgtgtttta tgtggtccgc acctccccct gaccttcaact 3180
ccttgcttgg actcaccca cccctcagcg gctctgaacc ccaagagaag agtcgggaaa 3240
caaaataaac aagcaaaggc ccagcaaaaa aaaaa 3275

```

<210> 6393

<211> 1502

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1371)...(770)

<223> similar to gi4929645 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6393

```

tttttttttt ttccgggggt tctctgtca cttttaatta aaacacaagt tgagtaagca 60
gcctccacag gctgtattcc caggcccccg cccaccctga cctttggccc agaagctact 120
gcttcagtgt gtgggggtgga ggagtgcagc tgggtccaca gtgacattat tgctgacctc 180
ttctgtgtga ggaaaaaggc cagcagaccc tttgtggggc cagccctgag tgctcctctc 240
ccaagtttta aggcaggagc ggggaaataa ctgtacagcc cttttagccc ccagctctgg 300
agtggcagac agcaatgagg ccacatccct ggagctgccc gggggaagtg ggtgaggaaac 360
caaagccgtg gtccctgtag agcagctgtg ggtggagagg ggcactgacg acactgccct 420
ctgaccacat aagccttggc cacagggtga ggtggagagg ggcactgacg acactgccct 480
aagggtgcagt cctgaggcac ttaggtgggc gcctatctag gccatgcttc tcagttggcc 540
ttgaccttgg caatacctgg agctccattt tgctgaagtg cacggggcag ccgcttgccc 600
ttggtataag agtgatacca gaagttggag aacagcatga agaagatggt gccatacatc 660
cagatgaggt gaataatgac tgggtactgg tagttacagc tggacataaa gtagtactgg 720
gagatgtgca gtgagaccag gacaaactgg atcagctgaa tggctgtcat gtgctttttc 780
caccaaaggc aggggtgtgc cacagggcc aaggcagata atccgtagta caggtacatt 840
atgacatgca cggaagagtt tatcatggca tggaaagagc ccattcctcc cggggcaatc 900
tttacccccc accaccagct ccagggaagc acagagtgat ggaagacatg taggaaggtc 960

```



```

acctgcccgt ctttctttcg gagaataaaag atcactgtgt ccatcagctc aatgaacttg 1020
gagaagagga agagccagcc caccggaacc atcttaagt cctcagggct gttggaatag 1080
tccacagggg cacagcgcca ggtatagggt ctcagccagc ccgacatcag gaactcatag 1140
acaatgtaga gggagagtgc caccagtgtg aagttgtaga caatcatgaa gccacggagc 1200
tggaagggct tccgattagc catgatgcga ggcccaagt agagaacgaa gtacacgtag 1260
gtcaggagaa tggagggtcat tagcaagggg gaccccatca gagggtagcc ctggatccgg 1320
ggatctgctg gcttcatcac ctcttgggtac aagttcacia cagcctccat cctggctaag 1380
gactccgtag gggccaggcg ggcaacggcg gagcgctcgg agggagcagg gccagagaga 1440
agtccccggg gccagcctgc ctgcctgcc cttacaccac gcgtccgcgt acgcgtgggc 1500
gt 1502

```

```

<210> 6394
<211> 827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (469)...(148)
<223> similar to gi871345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6394
tttttttttt ttctggctga caaagatatt tattgagggt ttactgggta cagcgagaag 60
ggctgaatgg cttgggatgc agagagagac ccctcccctg ggatcctgca gctccaggcc 120
cctgtgggtg ggggtggggc tggaacctat gaacattctg cagggggccac tgacttctcc 180
acggtgctcc cttcttgcat aacctggcag ctgtagcttc tgcgggacct cactgctcg 240
ggcgtcaggc tcaggtagct gctggccacg tacttgttgt tgctctgttt ggagggcgtg 300
gtcttctcca cgctctgggt gatgagggtta ccatctgcct tccaggtcac catcaagatt 360
cccggataaa gttattcatg agacacacca gtgtggcctt gttggcttgg ggctcctcac 420
aggacggcag gaacagaatg accgacgggg tagtcttggg ctgacctgtg tggacagagg 480
aggggggtgag agatggcaga gggagtgtgg ggtgttgtgg agcgccctctc tctgtctaaa 540
gtctctggga gggttcatgg tgtggccgtc tgggtccaccc agggcctctc cttccctcct 600
cattccctcc tttccactgg agccctctgc agagcagaca gccctgtgcc ttcctaggag 660
cccttcccaa gtcacctttc ccagggtgtcc tggccagacc ctttctctctg cagcctcagt 720
ttccccgtgt gtacccaggg caggctgtgc tccctccttc ctggtttctg ggaattccac 780
cgcnctgact aatgtcatca gtgnntcaat tnnccccct cccctcg 827

```

```

<210> 6395
<211> 1121
<212> DNA

```

100-443887-100

<221> misc feature

<223> similar to gi3170194 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

ggaattcaat	gctgcacaag	ctctgagccc	tcctggggct	gcgaagtcc	tctgatggga	60
ggtgtgtggt	ggccatccca	tccctgtgta	agacctggg	aaaccactct	tcaaggttca	120
ggaggaggga	gggcgcccc	cgaccttaa	ccagagcgag	gttggtgctt	tgtgtccaca	180
gggaccagga	gcgaaccatg	atgccaggta	ggaggggctg	actgggccct	gcgagcgcgt	240
gcctttcctg	ctgggcagag	gccctccaca	tggggccacg	cgggccgggc	acaggagggc	300
agtcagatgg	gcagggcctg	agagcctccc	tcctctccct	aggtccctaa	tcatggactc	360
cccaagagct	ggcaccacc	agggccccct	cgatgcagag	acagaggctg	gtgctgaccg	420
ctgcacgtcg	actgcctacc	aggagcagag	gccccagggtg	gagcaagttg	gcaaacaggc	480
tcctctctcc	ccagggtctg	cgccaatggg	ggggcctggc	cccgccccct	gtgaggacct	540
cgcggtgct	gggggagcag	gtgcaggggg	ctccgagccc	ctggtgactg	tcaccgtgca	600
gtgcgccttc	acagtggccc	tgagggcacg	aagaggagcc	gacctgtcca	gcctgcgggc	660
actgctgggc	caagccctcc	ctcaccaggg	cccagcttgg	gcaactcagt	tacctagccc	720
caggtgagga	cgggcactgg	gtccccatcc	ccgaggagga	gtcgctgcag	agggcctggc	780
aggacgcagc	tgcttgcctc	agggggctgc	agctgcagtg	caggggagcc	gggggtcggc	840
cggtcctcta	ccaggtgggtg	gcccagcaca	gctactccgc	ccagggggcca	gaggacctgg	900
gcttccgaca	gggggacacg	gtggacgtcc	tgtgtgaagt	ggaccaggca	tggctggagg	960
gccactgtga	cggccgcatac	ggcatcttcc	ccaagtgcct	cgttggtccc	gccggccctc	1020
ggatgtcagg	agcccccggc	cgcttgcctc	gatcccagca	gggagatcag	ccctaataatgat	1080
gctgtgtcca	tgatgctttt	aataaaaaaca	acccccactg	c		1121

<211> 2797

<213> Homo sapiens

<221> misc feature

```
<223> similar to gi4588046 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

tttttttttt	ttaaattgaa	aggaaacttt	tattgagtca	tgttttcaaa	gcaatctagt	60
tttttaaaaa	agttgaagac	aagacagaaa	aaagaacatg	acacctaa	gaatcagaca	120
ggacagacag	acgggagcgc	ggggggcggg	gacagcggct	ccgtggagg	ccagatcttc	180
tccatcttgg	aagatgaggt	cgtcgccaga	atcctgggtc	agctcctcgt	tctctttaag	240
tcttctgtct	cactgtcttc	tccagcgact	ggatgcgcac	ctgctccttc	ctcaggctgg	300
cctggagggc	caacgcttcc	gcctgggcct	tgtctccggc	ctgggcgcat	tcctcgtttg	360

ccagctgcag	cttctcctcc	gcgtgggcct	tcagggcttg	gtacctctgg	ccctcctggg	420
tgatccttgc	caggtaatcc	tccacgcact	tcttcagtga	ctcttcgttc	ttgcggtagc	480
cctcgatcac	ctctttctgt	ttctcaaaac	gcttgaagag	gtcggagaag	gactttctcca	540
tggagttcag	atctgtggta	agttgggtcct	tttcttttag	aactttcttg	atttcagctt	600
tggaaagttc	cttctgcttc	tgaacttcct	ccatggcctg	gtacacaacc	tcttcgaacc	660
tgtccatgat	cttccccagt	tccagggttct	tcccgtggag	ctcctcacac	ctgctcctca	720
gctcccgggt	ctcctcctgt	gtcgccttta	ccactgcac	caggtccttc	tggctgtact	780
ggagcaggtc	cactataggt	ccgggtggaca	gggggtggcc	cccaggcgcg	ggaacacctg	840
gggggtggcc	tggcacagga	atgtccagt	ctcccaagaa	atcgaaactcc	acaagcttgg	900
cttcccgcgg	acgtcctgag	ggagtctcat	ttgcaccgtg	catgctgctg	gtctcgggtg	960
ccacggggcac	tgggtctacca	ggactgtccc	tcaggagggg	gtcgaacttg	aggtataaag	1020
actgcttcct	caaggccgac	tccttaaacg	aggaagtctc	aaactgtctc	aggtaatcca	1080
cctccgcgcc	cgtgcctaga	acctcagcgg	ggtctctgaa	gctctcctct	ttcagctcca	1140
aggcaggctg	cccctgctga	tgggtgggca	ctggctcact	gcttgacag	cttggtggaa	1200
gcgaggtgct	ggcagagttc	aaggctctct	ccttgctctc	tgctgttggg	gtctcggctg	1260
ccaactgcac	cacaggcgtg	tcctccgctg	aggctgaatg	cagctgctgg	ctcagacagg	1320
gacctggctc	ctccgtggca	ggcccagcat	gcaactgttc	agccgctggc	tggcccagcc	1380
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ctggcatggg	ggggtcctct	cccgtccgc	tcctaccgtc	gtcctcctcc	acctcctgcg	1560
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ccagtctcct	tgggtggggg	gcccttttgc	tgggtggcgc	atcagataca	tcaaattcta	1680
gttttcagggt	ccgtcctcgt	aggagctggc	catttggcct	gcagccactt	cttctgagg	1740
actcagggtc	atggccctgc	cagccaccag	gtggttggtt	ggggctgtgc	tctcaggagc	1800
agaggtgtgt	gcacaggtaa	gggtctgagt	gccatctgct	ggcacggggg	tgcccacacc	1860
cgcagggcag	cccagggtct	cgccaggcag	accctgcagg	ggtgctcctc	cgcaggcttc	1920
cttagggatt	gcaccaggag	gcgaagtggc	cactgctgcg	ggagcacaga	ccccaccgtg	1980
ccggcatttc	tcctcggctc	cgtgcggagt	ctccgctttg	cattcttcct	cggctccgtg	2040
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gggtgtcact	cttctgtcta	aggaatagga	acttaagggt	ttcctccacg	gcttgctcca	2160
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actcccaaag	gctgggcttg	catccccag	gaggtcggtg	tcagcctcca	ctggtttctg	2340
tagaattcca	tgagtagttt	tggcatccac	ttccttgatg	agctgttggt	tctctttctg	2400
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aagtttgctg	gccatgctag	gacttagaat	cctgtgctgt	ctgtggatcc	ccgcagaggt	2520
gtctgaaaag	tcaccttcac	agcttttggc	caggttcttg	ggtggcacat	tttctttctg	2580
tgacacacga	agaacagacg	atcttccggg	aacttctggt	ggcgaaaaca	ggaagtcgca	2640
attttctgta	tttttttcat	tgtctgacatt	tttgtcgttt	aagacctgca	gactcattct	2700
gcccggccgc	ccgttgccgg	gctctgagcc	cgcgccgcgg	ccgccaggaa	ggaggggtcc	2760
gcgtctgctc	cacgccgggg	gccaaacctg	gctgcta			2797

<210> 6397  
 <211> 2413  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(2414)  
 <223> n = a,t,c or g  
  
 <220>

<221> misc\_feature  
 <222> (124)...(1406)  
 <223> similar to gi4454851 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6397

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acctctctca	ggatgcgtga	ggcggacacg	ttgaggccac	ctcagctgat	ggaagtttcc	120
gctgacatca	tctctaccgt	tgagttcaac	cacacgggag	agctgctggc	cacaggtgac	180
aagggcggcc	gggtcggtcat	cttccagcgg	gaaccagaga	gtaaaaatgc	gccccacagc	240
cagggcggaat	acgacgtgta	cagcactttc	cagagccacg	agccggagtt	tgactatctc	300
aagagcctgg	agatagagga	gaagatcaac	aagatcaagt	ggctcccaca	gcagaacgcc	360
gccccactcac	tcctgtccac	caacgataaa	actatcaa	tatggaagat	taccgaacga	420
gataaaaaggc	ccgaaggata	caacctgaag	gatgaagagg	ggaaacttaa	ggacctgtcc	480
acggtgacgt	cactgcaggt	gccagtgtctg	aagcccatgg	atctgatggg	ggaggtgagc	540
cctcggagga	tctttgcaa	tggccacacc	taccacatca	actccatctc	cgtaaacagt	600
gactgcgaga	cctacatgtc	ggcggatgac	ctgcgcatca	acctctggca	cctggccatc	660
accgacagga	gcttcacccc	cagacatcgt	ggacatcaag	ccggccaaca	tggaggacct	720
tacggaggtg	atcacagcat	ctgagttcca	tccgcaccac	tgcaacctct	tcgtctacag	780
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caagtttgaa	tgtgcctgga	acgggagcga	cagcgtcatc	atgaccgggg	ccatacaaca	1140
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gaaagcagca	agccccgggc	tgtgctcaag	ccacggcgcg	tgtgcgtggg	gggcaagcgc	1260
cggcggtgatg	acatcagttg	ggacagcttg	gacttcacca	agaagatcct	gcacacggcc	1320
tggcaccggg	ctgagaacat	cattgccatt	gccgccacca	acaacctgta	catcttcag	1380
gacaaggtaa	actctgacat	gcactaggta	tgtgcagatc	ccggccccctg	ccaccagcc	1440
tcatgcaagt	catccccgac	atgaccttca	cgaccgcaat	gcaaggaggg	gaagaaagtc	1500
acagcactga	tgaggacagc	tgcagaggtg	gcagtgtgtg	gacacaggaa	gtttggggccc	1560
cctccctgcc	ccagctttcc	taggccagaa	ttgtgtttgg	cagtaattgt	ctgtttaaaa	1620
aaataaaaag	gaaagggaagc	gttcaccgcc	acaaatcata	aaatggacat	gactgtggag	1680
tcttacagtt	caggggttctt	tcattcacgt	cccttcctgt	ctcgggtctgc	ggtctttacc	1740
acatcaatag	gactttttat	gcgtccgggt	taatttttca	ctccagtgcg	tcctgttgca	1800
gggaccggag	ctgatgggag	ctgcttctcc	cccatgcctc	actggtccca	gatcagggct	1860
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gcaattcgcc	ctgtctcaga	gctgatgacc	tcaccgttgt	tttttggtatg	gtgaattcat	1980
gctgagaatt	tgcagatgca	agctcctctc	ctaggtcttc	tgaatgtctt	gaaacatccc	2040
aggtcccagg	tctggtgcgg	tttcccagaa	ggagcggagt	ggggtttgtc	ttctgtgtgc	2100
ctgtgtcctc	atctgattca	cctgccattt	gctgagcctc	tgctgtgtac	caggcgtggt	2160
gctcagccct	agaggcagtt	gacttacccc	ctgcagccct	ccctgccgcc	tcacccttca	2220
gcattcactg	ggcacccttc	cggagcggac	actgactccc	atgcacgatt	ttttggaatc	2280
ttcctcctga	ctgtgaggtg	ggtgttcatt	catttcctcc	ataaacacca	acttctcgaa	2340
gcgtgcctcg	tgccaagctg	gcgtaatgtg	gttacgatgt	cttcattntt	caggcnnccg	2400
gcctctgaca	ccc					2413

<210> 6398

<211> 1668

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (361)...(1647)  
 <223> similar to gi3021428 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6398  
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 gggcgctctc cggacccccca gggtcctagc gcgcggccct taccgagcct gggcgcccg 120  
 atttcggcag cggatgcctt ttccgggttg gcggcccgcc tgattgggaa cagccggccg 180  
 gttgccgggg gaacgcggga gtcgggcccg acctgagcca cgcgggcttg gtgcccacct 240  
 gtgcgcgccg cctgcgaaga aggaacggtc tagggagaag gcgcgcgccg ccgccccctg 300  
 cccaccccg cccgtcgtcg gagagtctga gccgcctagc gcccttgag ctcccccaacc 360  
 atgaagccca acttctccct gcgactgcgg atcttcaacc tcaactgctg gggcattccg 420  
 tacttgagca agcaccgggc cgaccgcatg aggcgccttg gagactttct gaaccaggag 480  
 agcttcgacc tggcttttgc ggaggaggtg tggagtgagc aggacttcca gtacctgaga 540  
 cagaagctgt cacctacctt cccagctgca caccacttcc ggagcggaat cattggcagt 600  
 ggcctctgtg tcttctccaa acatccaatc caggagctta cccagcacat ctacactctc 660  
 aatggctacc cctacatgat ccatcatggt gactggttca gtgggaaggc tgtggggctg 720  
 ctggtgctcc atctaagtgg catggtgctc aacgcctatg tgacccatct ccatgccgaa 780  
 tacaatcgac agaaggacat ctacctagca catcgtgtgg cccaagcttg ggaattggcc 840  
 cagttcatcc accacacatc caagaaggca gacgtggttc tgttgtgtgg agacctcaac 900  
 atgcacccag aagacctggg ctgctgcctg ctgaaggagt ggacagggtc tcatgatgcc 960  
 tatcttgaaa ctogggactt caagggtctt gaggaaggca acacaatggt acccaagaac 1020  
 tgctacgtca gccagcagga gctgaagcca ttccctttg gtgtccgcat tgactacgtg 1080  
 ctttacaagg cagtttcttg gttttacatc tcctgtaaga gttttgaaac cactacaggc 1140  
 tttgacctc acaggggcac cccctctct gatcatgaag ccctgatggc tactctgttt 1200  
 gtgaggcaca gccccccaca gcagaacccc agctctaccc accgacccag cagagaggtc 1260  
 gccgttgatt gtgtgtgctt aaaggaggcc ttggacggga gcttggtctt gggcatggct 1320  
 tcaggctcgc tgggtgggcca accttcgcat agctatgtga ttggcctggg gctgcattct 1380  
 cctggcactg ctgtgtgtcc tggcggctgg aggaggggcc ggggaagctg ccatactgct 1440  
 ctggaccccc agtgtagggc tgggtgctgtg ggcaggtgca ttctacctct tccacgtaca 1500  
 ggaggtcaat ggcttatata gggcccaggc tgagctccag catgtgctag gaagggaag 1560  
 ggaggccag gatctgggcc cagagcctca gctctatgcc ctactctctg gggcagcagg 1620  
 agggggacag aactaaagaa caataaagct tggcccttta aaaaaaaa 1668

<210> 6399  
 <211> 1728  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (32)...(1697)  
 <223> similar to gi695802 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

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gggcaattcc ggaatcctag gcgcggatct cgcgtttccg gccggaaggc ttctccagcc      60
tttcccggaa gctgcgctcg ctacccgggt aacgggtccc ggctgtggaa gctcccgcgg      120
cgccgcgatg gacctcgagg agtcggaaga gtttaaagaa cgctgtactc agtgtgctgc      180
tgtctcatgg ggtcttactg atgaaggcaa atattattgc acttcttgcc acaatgttac      240
agagagatat caggaagtta caaacactga tcttattcct aatacccaaa taaaagccct      300
caaccggggg cttaaaaaaa aaaacaatac tgaaaaaggc tgggattggt atgtgtgtga      360
aggtttccag tatattcttt atcaacaagc agaagcctta aagaaccttg gagtaggccc      420
agagttaaag aacgatgttt tacataattt ttggaagcgc taccttcaga agagcaagca      480
ggcatattgt aagaacccag tttataccac tggaaggaaa cctacggtat tagaagataa      540
tctaaagcat tcagactggg ctagtgaagc tgacatccac actcgaaaac ctttccccgt      600
ttttcttgaa agtggagcgg agtctcagtc tgacatccac actcgaaaac ctttccccgt      660
cagcaaagca tcacaatcag aaacgtctgt ctgctctgga tctctggatg gagttgaata      720
ctcacaacga aaggagaagg gaatcgtgaa gatgaccatg ccacagacac ttgccttctg      780
ttatctgtcc ttactttggc agagagaagc aataacactt tcagatcttt tgaggtttgt      840
tgaagaggac catattcctt acataaatgc ttttcagcat tttccagaac agatgaaatt      900
atatggacgt gacagaggaa tctttggtat agagtcttgg cctgactacg aggacatcta      960
taaaaaaaca atagaagttg gaacattttt agatttgcct cgttttccag acataactga     1020
agactgctat cttcatccca acatactgtg tatgaaatac ttgatggaag tcaacctccc     1080
tgatgaaatg catagcttaa cttgccacgt ggtaaaaatg actggaatgg gagaagtgga     1140
ttttctgaca tttgatccta tagccaaaat ggcaaaagct gttaagtacg atgtacaagc     1200
tgtagctatc atttgtgttg tattgaaact gctctttcta atggatgaca gtttctgagt     1260
gtctttgtct aatcttgctg aaaagcataa tgaaaagaac aaaaaagata agccatgggt     1320
tgatttcaga aagtgtgacc aaattatgaa gaaagctttt gatgagaaaa aacaaaaatg     1380
ggaagaagca agggccaagt acctgtggaa aagtgaaaag ccactctact actcatttgt     1440
cgacaaacca gtagcatata aaaaaagaga aatggtggtg aatctacaga aacaatttag     1500
cacactggtc gattcaacag caactgctgg aaaaaaagc ctttcaagtt ttcagttcaa     1560
ctggactgaa gaggacactg atagaacgtg ttccatgga cacagccttc agggagtcct     1620
gaaagagaaa ggccaatcac tgctgactaa gaattcatta tattggctta gtacacagaa     1680
attctgcaga tggtaataat gcttttagaa aaagtcacat ataattga      1728

```

```

<210> 6400
<211> 3397
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (247)...(3195)
<223> similar to gi2224531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6400
ggaattcgca ccccaagtt ctgtgactcc ccgaccagtg acctggaaat gcgcaatggc      60
cggggtagag gcaaacgcat gcgtcccaac agtaatacac ctgtcaatga gacagccaca     120
gcctctgaca gcaaagggac cagtaacagc agcaaaaccc gggcaggagc caatagcaaa     180
ggccgctcggg gcagccagaa ttcttcagag caccgcccac ctgccagcag cacttctgag     240

```

gatgtcaagg	ccagcccttc	ctcagcta	aagcgaaaa	acaaaccct	ttcagacatg	300
gagctgaatt	ctagctcaga	ggactccaaa	gggagcaagc	gtgtccgtac	taattccatg	360
ggctcagcca	ctggccccct	tcttgggaca	aaggtagaac	ccactgttct	ggacagaaac	420
tgccccctcc	ccgtccta	tgactgtccc	caccctaa	gcaacaagaa	gtacaagcac	480
atcaatggac	ttaagtacca	ccaagctcat	gcccatacag	atgatgacag	caagccggaa	540
gcggatgggg	acagtgaag	cggagaggaa	cctattctcc	atgcagatct	tgggagctgc	600
aacggtggca	tctgtctcac	aaaaaaggtt	ccttgtcccc	tgcccgtctc	gctaccccc	660
aagttcgact	tgtagagccc	catagccctt	ctccttcaag	caaattcagc	acaaaaggcc	720
tctgtaagaa	aaagttgagt	ggggaagggg	acacagacct	tggggcctta	tccaatgatg	780
gctctgatga	tggaccctca	gtgatggatg	aaacaagcaa	tgatgccttt	gattcttttag	840
aaaggaagtg	tatggaaaaa	gaaaaatgta	aaaaaccctc	tagtttaaaa	cctgaaaaaga	900
ttccttccaa	gagcctaaag	tcagcccgtc	ccattggccc	ctggccatcc	ccccacagca	960
aatctacacc	ttccagacag	ccaccttcac	agcagcgagc	ccaggctctt	cctcaggctt	1020
gaccgccaca	gtggcacaag	ccatgccc	cagtcccc	ctcaagcccc	ttcagcccaa	1080
gcccactgtt	atggggaga	ctttcacagt	caaccctgcc	ttgactccag	ccaaggacaa	1140
gaaaaagaaa	gacaaaaaaa	agaaggaatc	ttcaaaggaa	cttgaaagtc	ctctgacccc	1200
tgggaaggtg	tgtcgagcag	aggaaggcaa	aagcccatc	agggaatctt	caggaaatgg	1260
gatgaaaatg	gaggggctcc	taaatggctc	atcagacccc	caccaaagcc	gactggctag	1320
catcaaggct	gaagccgaca	agatctacag	tttcacggac	aatgccccca	gcccttccat	1380
tggaggcagt	agccgccttg	aaaacactac	ccctactcag	cccctgactc	ccttacatgt	1440
ggtgacccag	aatggagctg	aagccagctc	agtcaaaacc	aacagccctg	catactctga	1500
catctctgat	gctggggagg	atggggaggg	caaggtagac	agtgtcaaat	caaaggacgc	1560
cgaacagttg	gttaaagaag	gggctaagaa	aactcttttt	ccccctcagc	ctcagagcaa	1620
agactcacca	tattaccaag	gctttgagag	ttactattct	ccaagttagt	cacagtccag	1680
ccctggggct	ctgaaccccc	gcagccaggc	aggagtggag	agccaggccc	tgaagacaaa	1740
aagggatgag	gaacctgaga	gcatagaagg	gaaagtgaag	aacgatata	gtgaagaaaa	1800
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gtacatgcag	tccctgtact	acaaccagta	tgcctatgta	ccccctatg	gctacagcga	1920
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acagcagaaa	cgccagagct	tagcagcaga	gcagcgggga	gtggacaaga	aggcagagat	2040
gggcctgaag	gagcgggagg	cagcactcaa	ggaagagtgg	aagcaaaagc	cgtcaattcc	2100
accaactctc	accaaggccc	ccagcctgac	agacctgggtg	aaatcaggac	ctggcaaggc	2160
caaggagcca	ggggctgacc	cagccaaatc	agtcattcatt	cccaagttag	atgactcttc	2220
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aagcaaggag	gcctctgagg	ccaagacagg	tgtctgagtgt	ggtcgacagg	cagagatgga	2340
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gaaggaggaa	aggagtgcga	gtaaggactc	tgtccccaag	gaagatggga	aggaaagcac	2520
aagtagtgac	tgcaagctgc	ccacgtcaga	ggagtctcgc	cttgggagca	aggagccccg	2580
gccaaagtgtc	catgtgcctg	tgtcctcccc	acttaccag	caccagtcct	acatccccta	2640
catgcacggc	tattcctaca	gtcagtccta	cgaccccaac	cacccagct	accggagcat	2700
gcctgtctgtg	atgatgcaga	actaccag	ttcctacctg	ccttccagct	actctttttc	2760
cccatatggc	agcaaggtct	caggtggtga	agatgctgac	aaggcacgag	ccagccccag	2820
tgtgacttgt	aatccagct	cagagtccaa	agccctggac	atcttgacag	agcatgccag	2880
tactacaag	agcaagtctc	ccacgataag	tgataaaact	tctcaggaga	gagatcgagg	2940
aggctgtggg	gtggttgggg	gtggtggcag	ctgtagcagc	gtcgggggag	caagtggggg	3000
tgaacggagt	gttgaccggc	cccgcacctc	tccttcccag	cgctgatgt	ccacacacca	3060
ccaccaccac	cacttggggg	actcattgct	cccagcacag	tacaacttac	cctatgcagc	3120
agggttttct	tctacagcca	ttgttgccag	ccaacaaggc	tcaactccct	cactctaccc	3180
accccccagg	agggtgaga	gacaccaagt	gccccgataa	agtcagcttc	acgggcccgg	3240
actggcttac	ccaaggagg	gctgaagggtg	ccgttttagac	atcagttaaa	tgggtgtgat	3300
catcctgttt	gccgtttcca	ccatgactga	aggcagaccc	ttggctatct	cacctccacc	3360
aagacctccg	ggactacctg	accctacctc	ttcctca			3397

<210> 6401  
 <211> 1432  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (218)...(1090)  
 <223> similar to gi3169211 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6401  
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 gccgcggccg ccgcctcctc cttctctcct cctcctcttc ctctcctcc ctcgctccca 120  
 cagccatgtc tgcttagacc agagcagccc cacagccaac tagggcagct gccgcccga 180  
 caacagcaag gacagccgct gccgcccgcc gtgagcgatg acaggagtgt ttgacagaag 240  
 ggtccccagc atccgatccg gcgacttcca agctccgttc cagacgtccg cagctatgca 300  
 ccatccgtct caggaatcgc caactttgcc cgagtcttca gctaccgatt ctgactacta 360  
 cagccctacg ggggggagccc cgcacggcta ctgctctcct acctcggctt cctatgggca 420  
 aagctctcaa cccctaccag tatcagtatc acggcgtgaa cggctccgcc gggagctacc 480  
 cagccaaagc ttatgccgac tatagctacg ctagctccta ccaccagtac ggcgggcgct 540  
 acaaccgcgt cccaagcgcc accaaccagc cagagaaaga agtgaccgag cccgaggtga 600  
 gaatggtgaa tggcaaacca aagaaagttc gtaaaccag gactatttat tccagctttc 660  
 agctggccgc attacagaga aggtttcaga agactcagta cctcgccttg ccggaacgcg 720  
 ccgagctggc cgcctcgtcg ggattgacac aaacacaggt gaaaatctgg tttcagaaca 780  
 aaagatccaa gatcaagaag atcatgaaaa acggggagat gccccggag cacagtccca 840  
 gctccagcga cccaatggcg tgtaactcgc cgagctctcc agcgggtgtg gagccccagg 900  
 gctcgtcccg ctcgctcagc caccaccctc atgcccaccc tccgacctcc aaccagtccc 960  
 cagcgtccag ctacctggag aactctgcat cctggtacac aagtgcagcc agctcaatca 1020  
 attcccacct gccgcccgcg ggctccttac agcaccgcgt ggcgctggcc tccgggacac 1080  
 tctattagat gggctgctct ctcttactct cttttttggg actactgtgt tttgctgttc 1140  
 tagaaaatca taaagaaagg aattcatatg gggaggttcg gaaaactgaa aaagattcat 1200  
 gtgtaaagct tttttttgca tgtaagttat tgcatttcaa aagaccccc ctttttttac 1260  
 agaggacttt ttttgcgcaa ctgtggacac tttcaatggt gccttgaaat ctatgacctc 1320  
 aacttttcaa aagacttttt tcaatgttat tttagccatg taaataagt tagatagagg 1380  
 aattaaactg tatattctgg ataaataaaa ttatttcgac catgaaaagc gg 1432

<210> 6402  
 <211> 1428  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (305)...(1251)  
 <223> similar to gi4929679 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<400>	6402					
cccgccttctc	gctggagtg	gcaccgagcg	gcagtgactt	cgcgcgtgct	gtagttcccc	60
ggctggatgc	ggtgactggt	gccagtgtc	aggcgccgc	tgcccttgac	ctccgcgcc	120
gcgagcccta	actcagcgca	ggaggaccgg	ctgccgccgc	cgcgcgccgc	agcagagcca	180
agcacagtgg	gaactttcag	aaagcactgg	ttgaaggaa	gctggaatcc	ctgggactta	240
ctgcgtagca	tgtagtagtt	gctcctctac	aaaagtttca	ccttatgaag	tatagcaggc	300
tctgatgctg	gtgtctggta	gaagaagatt	actcacagct	ctgctgcagg	ctcagaagtg	360
gccctttcaa	ccctccagag	acatgagact	agtgcagttc	cgggcacccc	acctgggtggg	420
gcctcacttg	ggcctggaga	cagggaatgg	tggaggggtt	atcaacctca	atgcctttga	480
ccccacactc	caaagacga	tgacgcagtt	cctagagcag	ggagaggcca	ccctctcagt	540
ggcaagaaga	gccttggtcg	cccagttgcc	agtcctacca	tggtcggagg	taaccttcct	600
ggctccagtc	acatggccag	ataaggtggt	gtgtgtgggc	atgaattatg	tggaccactg	660
caaagaacag	aacgtgccc	tgcccaagga	gcccatactc	ttcagcaagt	ttgccagctc	720
catcgtgggg	ccctatgatg	aggtggtcct	cccaccacag	agccaggagg	tagattggga	780
agtggagctg	gccgtggtca	ttggaaagaa	aggcaagcac	atcaaggcca	cagatgccat	840
ggccacagtg	gccggcttca	ctgtggctca	tgacgtgagt	gctcgtgact	ggctaacaag	900
acgcaatggg	aaacagtggc	tgtctggaaa	aaccttcgac	accttctgcc	ctctggggcc	960
tgccttggtg	accaaggaca	gtgtagcaga	tccacacaac	ttaaagatct	gctgccgagt	1020
gaatggggaa	gtcgtccacg	agcagaca	ccaaccagat	ggtattcaag	acagaggacc	1080
tgatagccctg	ggtctcccag	tttgtacct	tttaccagg	ggatgtcatc	ctaactggga	1140
ccccccagg	tgtcgggtgta	ttcaggaaac	ctcctgtctt	tctcaagaag	ggggatgaag	1200
tccagtggtga	gattgaagaa	ctaggtgtca	tcatcaaca	gttggtgtga	tggctcctgc	1260
acaggcccga	cataggatga	gggcatctgc	tccactcag	cctagcccag	ggaaggccc	1320
agtggcaggt	gtgggcaggt	gccagccctg	caagccgctt	cttctcggta	gaaggagaa	1380
ggacagagct	ctcttcaata	aatgcgtcgg	gtcaaagcaa	aaaaaaaa		1428

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<210> 6403
<211> 3380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(3065)
<223> similar to gi3811347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<400>	6403						
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ggagcgagtt	acgagaattc	ccggccgctg	caagggagct	ctgcgtgcct	cttgctgtgc		120
cctacctgga	caaaccccca	actccgctcc	acttctaccg	ggactgggtc	tgccccaaca		180
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gcttcgtgct	ggatgtgctg	gagggcggg	cccagcacc	tggagtccct	tatgtgcaga		420
acagctgctc	caactgtgcc	agcgaagctg	cccagctgct	gctgatctg	gaatccctat		480
tgccctgggc	ctccgaagcc	ctgggaaaga	tgcccgatgc	tgtgaacttc	tggtccgggg		540
aggcggctgc	agtgacttct	ttgcacaagg	accactatga	qaacctctac	tgcgtggtct		600

caggagagaa	gcattttcctg	ttccatccgc	ccagcgaccg	gcccttcac	ccctatgagc	660
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cggggactct	gcgggctggg	gagttccggc	gcgagagctt	ctcactgagc	cctcaggggtg	1080
aggggagcct	ggtaagttga	atttcgcctg	cagagtctgg	ctgaccgtgg	cgagtggctc	1140
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acaggagacc	agaagtccctc	agagcacaga	gttcagcttg	tggttcctgg	gtcctgtgag	1260
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gagcagagagc	tgagtattcg	cctgcaggat	gccccgagg	agcaactaaa	ggcgccactg	1380
agtgcctgct	cctctgggtca	agtgggtgag	cttgtcttcc	ccacgtccca	ggagcccctg	1440
atgagagtgg	agctgaaaaa	agaagcagga	ctgaggggagc	tggccgtgcg	actgggcttc	1500
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tccctacgag	gtcggcttcc	ccaagtacgg	ggccttcaat	cccctctgag	ctctttggct	2160
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gaaggtatct	ggagcaacct	gtatgcagcc	aacctccagg	gacagcttat	actgggcctc	2280
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tccagcctcg	ggagtgccac	accttctccg	accccaactg	ccccggagcc	cctgcggtgc	2820
tgcactttcc	tctggtcagc	gactccttcc	gggagtactc	ggcccctggg	gtccggcgga	2880
cacccgagga	ggcggcagct	ggggaggtga	acctgtcttc	atcggactct	ccctaccact	2940
acacgaaggt	gacctacagc	caggaggacg	tggacaagct	gctgcacctg	acacattaca	3000
atgtctgcaa	caaccaggag	cagctgctgg	aggctctgcg	ccccaggcag	tgcaaacgga	3060
aggcggcagc	gcaaggcccc	cactgatggc	cggggccccct	gcccaccccc	taactctcat	3120
tcattcccct	ggctgctgag	ttgcaggtgg	gaactgtcat	tcacgcagtg	cttcagagcc	3180
tcgggctcag	gtggcactgt	cccagggtcc	aggctgaggg	ctgggagctc	ccttgccgct	3240
cagcagtttg	cagtggggta	aggaggccaa	gcccatttgt	gtaatcacc	aaaaccccc	3300
ggcctgtgcc	tgttttccct	tctgcgctac	cttgagtagt	tggagcactt	gatacatcac	3360
agactcatc	aaaaaaaaa					3380

<210> 6404  
 <211> 1879  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (303)...(1301)  
 <223> similar to gi3334739 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6404

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gccgagtttg	ccacgctgcg	acagcccata	ggcttgcccc	cccgggcatt	cgggtggact	120
acgaacacaa	actgaagccc	taggacttgt	cgcccgtttg	cgctctcgcc	gaggcacagg	180
ctgctcgcgg	accacccctgc	tccgaaaacc	taagaggtag	gtggtagccc	attcatctgg	240
ttactgatac	tggccggcat	cagtggactt	gtcggcaggt	ccttgagcaa	ctggtgtgtg	300
aaatgggacg	gacgtcaaaa	ggacaagccg	ggatgtctac	taccggcctt	ggccaaggag	360
aatggctggc	gtgcttcgca	gcgcctttca	aactgcttac	aattggataa	ggaatttcca	420
actgtttcca	aggccttgac	acgggcagtt	gacctgtgtg	cagccccagg	cagctggagc	480
caggtgctga	gccagaagat	cgggggcca	gggtccggcc	acgtggtggc	tgtggacctg	540
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actgccaagg	agatcatcca	gcactttaag	ggctgcctcg	cggacctagt	ggtgtgtgac	660
ggggctcctg	atgtaaccgg	tctccatgat	gttgatgagt	atatgcaggc	ccagctcctc	720
ctagctgctc	tgaacattgc	tacacatgtc	ctgaagccag	ggggctgctt	tgtggccaag	780
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cagggtatg	accctcccga	gggcttcac	ccggacctga	gcaaaccctt	gctggaccat	960
tcttacgacc	cagatttcaa	ccagctggat	ggtccccacc	gcatcattgt	gccttttgtg	1020
acctgtgggg	acctgagctc	ctatgattcg	gaccgcagtt	acccactgga	cctagagggc	1080
ggctcagagt	acaagtacac	tccaccaca	cagcccccca	tctcgccacc	ataccaggag	1140
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atcagcagag	tggacacgtt	tccccagccc	ctggccgccc	ctcagtgcc	cacctgctg	1260
gcccctgaga	tggaagacaa	tgaatgagt	tgttcacctt	aaccattac	gctggcaaac	1320
tgatacaact	cagaaactgc	tcaatgtcag	gaaaaccgga	acttgttgat	gaacttggtt	1380
tcaaaatata	atctcatcaa	cgaggcctgg	acaaacaagc	cctgaggagg	gatctgcaac	1440
aacctgaag	acaacaagga	aagaaaccat	gaaagtctgt	ctgtactgca	gtgggaattc	1500
ttgagtgagg	tcttacctct	tctttaaac	tcttcaggag	tgtcctgatt	atgtccagaa	1560
ttttccctaa	aggcagggat	tcttaacctg	gatagaagcc	aggggtaacc	atgaacttga	1620
tggaagaaaa	tgttacatct	ttattttcag	caatgaaact	gaaatttagc	cttactccca	1680
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atacaaacca	gttacagcaa	ctgtaatgta	acataaaaag	ggcatcttga	agtattgttc	1800
atattttgtca	cctcttgtaa	tgatagcaga	tcctgtaagt	tgatgtatta	attaaaaagc	1860
ccatatatta	ctgcatctc					1879

<210> 6405  
 <211> 2021  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (232)...(1564)  
 <223> similar to gil297274 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 6405
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atgctaacta gttacgcgac ccccgagcgg tcggcggtccc ccaacttctt agaggggacaa      180
gtggcggttca gccacccgag attgagcaat aacagggtctg tgacgcccag tatgagggag      240
atcgtgcaca tccaggccgg ccagtgcggc aaccagatcg gggccaagtt ctgggaagtc      300
atcagtgatg agcatggcat cgaccccagc ggcaactacg tgggcgactc ggacttgacg      360
ctggagcgga tcagcgtcta ctacaacgag gcctcttctc acaagtacgt gcctcgagcc      420
attctggtgg acctggaacc cggaaccatg gacagtgtcc gctcaggggc ctttggacat      480
ctcttcaggc ctgacaatth catctttggt cagagtgggg ccggcaacaa ctgggccaag      540
ggctactaca cggagggggc ggagctggtg gattcggtcc tggatgtggt gcggaaggag      600
tgtgaaaact gcgactgcct gcagggtctc cagctgaccc actcgctggg gggcggcacg      660
ggctccggca tgggcacgtt gctcatcagc aagggtgcgtg aggagtatcc cgaccgcatc      720
atgaacacct tcagcgtcgt gccctcacc aagggtgtcag acacggtggt ggagccctac      780
aacgccacgc tgtccatcca ccagctggtg gagaacacgg atgagacct ctgcatcgac      840
aacgaggcgc tctacgacat ctgcttccgc accctcaagc tggccacgcc cacctacggg      900
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ggccagctca acgctgacct gcgcaagctg gccgtcaaca tgggtgccctt cccgcgcctg     1020
cacttcttca tgcccggctt cgtccccctc acagcccggg gcagccagca gtaccgggccc     1080
ctgaccgtgc ccgagctcac ccagcagatg ttcgatgcca agaacatgat ggccgcctgc     1140
gacccgcgcc acggccgcta cctgacggtg gccaccgtgt tccgcggggc gcatgtccat     1200
gaaggagggtg gacgagcaga tgctggccat ccagagcaag aacagcagct acttcgtgga     1260
gtggattccc aacaacgtga aggtggccgt gtgcgacatc ccgccccgcg gcctgaagat     1320
ggcctccacc ttcacgggca acagcacggc catccaggag ctgttcaagc gcatctccga     1380
gcagttctca gccatgttcc ggcgcaaggc cttcctgcac tggttcacgg gtgagggcat     1440
ggatgaaatg gagttcaccg aggcggagag caacatgaac gacctggtat ccgagtacca     1500
gcagtaccag gatgccaccg ccaatgacgg ggaggaagct tttgaggatg aggaagagga     1560
gatcgatgga tagtcggaat agagccgccc caactcagat cctacaacac gcaagttcct     1620
tcttgaaccc tgggtgcctcc taccctatgg ccctgaatgg tgcaetgggt taattgtggt     1680
ggtgtcggcc cctcacaat gcagccaagt catgtaatga gtcatctgga acaaagacta     1740
aaaacagcag agaattgcgg gttctaccca gtcagaagat cacaccatgg agactttcta     1800
ctagaggact tgaaagagaa ctgaggggcc acaaaataaa cttcaccttc cattaagtgt     1860
tcaagcatgt ctgcaaatta ggagggagtt agaaacagtc tttttcatcc tttgtgatga     1920
agcctgaaat tgtgccgtgt tgccttatat gaatatgcag tatgggactt tgaaataatg     1980
attcataata aaataactaaa cgtgtgtctt caaaaaaaaa a                               2021

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<210> 6406

<211> 1483

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(1378)

<223> similar to gi202212 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6406

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gtcagatgcc	aagtataaaa	accattgggtg	gtggggacga	ctccttcaac	acgttcttca	180
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tggtcgatga	agtgcgcaca	gggacctaca	ggcagctctt	ccacccagag	cagctgatca	300
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ccccccaggt	ctccacagcc	gtggtggagc	cctacaactc	catcctgacc	accacacga	600
ccttggaaac	ttctgactgt	gccttcatgg	tcgacaatga	agccatctat	gacatatgtc	660
ggcgcaacct	ggacattgaa	cgtccacagt	acaccaacct	caatcgctg	attgggcaga	720
tcgtgtcctc	catcacggcc	tccctgcgat	ttgatggggc	cctgaatgtg	gacttgacgg	780
aattccagac	caacctagt	ccgtaccccc	gaatccaatt	tcccatggc	acacttacgc	840
cccaatcatc	tcagctgaga	aggcctacca	cgagcagctg	tctgtggccg	atatcaccaa	900
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aagaggtggg	cgtggattcc	gtggaagctg	aggctgaaga	aggcgaagaa	tactgagggg	1380
agggtgtggt	gggttctcca	ctccactgcc	acccccatgc	gtggctgctt	tcaagttctt	1440
tgcaattaaa	ggttctgtat	aaaaccaaga	aaaaaaaaaa	aaa		1483

<210> 6407

<211> 4427

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (88)...(3811)

<223> similar to gi3327162 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6407

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aaagccaacg	caatgttcgg	tgcgggggac	gaggacgaca	ccgatttcct	ctcgccgagc	180
ggcgttgcca	gattggcctc	actttttgga	ctggatcagg	cagctgctgg	ccatggaaat	240
gaatttttcc	agtacacagc	cccaaaacag	cctaagaaag	gccagggaac	ggcagcaaca	300
ggaaatcagg	caacaccaa	aacagcacca	gccaccatga	gcactcccac	aatactggtc	360
gcaacagcag	tccatgcata	tcgatacaca	aatggtcaat	atgtaaagca	gggcaaattt	420
ggtgctgcag	ttctggggaa	ccacacaacc	agagagtata	ggattcttct	ttatatcagt	480
caacaacagc	cagttacggg	tgctaggatt	catgtgaact	ttgagcta	ggttcggccc	540
aataactata	gcacctttta	tgatgaccag	agacagaact	ggtccatcat	gtttgagtcg	600





<210> 6409  
 <211> 5615  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (66)...(5509)  
 <223> similar to gi4071058 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6409  
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 ccaccatggc caaaccaaca agcaaagatt caggcttgaa ggagaagttt aagattctgt 120  
 tgggactggg aacaccgagg ccaaattcca ggtctgcaga gggtaaacag acggagttaa 180  
 tcatcaccgc ggaaatactg agagaactga gcatggaatg tggcctcaac aatcgcattc 240  
 ggatgatagg gcagatttgt gaagtcgcaa aaaccaagaa atttgaagag caccgagtgg 300  
 aagcactctg gaaggcggtc gcggatctgt tgcagccgga gcggccgctg gagggccggc 360  
 acgcggtgct ggtctctgctg aaggccatcg tgcaggggca gggcgagcgt ttgggggtcc 420  
 tcagagccct cttctttaag gtcattccaag gaattaccct tccaacgaaa gaccttcacg 480  
 aaaaggctgg aggttttcaa ggccctcaca gacaatggga gacacatcac ctacttgag 540  
 gaagagctgg ctgactttgt cctgcagtgg atggatgttg gcttgtcctc ggaattcctt 600  
 ctggtgctgg tgaactttgg tcaaattcaa taagcttgtt accctcgacg aagtacaatc 660  
 gcaaagggaat gggttcaaga tgatctgtct gcttgtgcgt ccggaccgcg tcctcttgtg 720  
 gacatagagg tctccctggc aggtgctgga cgccgtggc tgctacaact gcctgccggc 780  
 tgagagcctc ccgctgttca tctgtaccct ctgtcgacc atcaacgtca aggagctctg 840  
 cgagccttgc tggaaagctga tgcggaacct ccttggcacc cacctgggccc acagcgccat 900  
 ctacaacatg tgccacctca tggaggacag agcctacatg gaggacgcgc ccctgctgag 960  
 aggagccgtg ttttttgtgg gcatggctct ctggggagcc caccggctct attctctcag 1020  
 gaactcgccg acatctgtgt tgccatcatt ttaccaggcc atggcatgtc cgaacgaggt 1080  
 ggtgtcctat gagatcgtct tgtccatcac caggctcatc aagaagtata ggaaggagct 1140  
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 gaccttggac agcccggagc tcaggaccat cgtccatgac ctgttgacca cgggtggagga 1260  
 gctgtgtgac cagaacgagt tccacgggtc tcaggagaga tactttgaac tgggtggagag 1320  
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 catccacccg gccaaggacg gctggattca gaacctgcag gcgctgatgg agagattctt 1440  
 caggagcgag tcccgaggcg ccgtgcgcat caagggtgctg gacgtgctgt cctttgtgct 1500  
 gctcatcaac aggcagttct atgaggagga gctgattaac tcagtgtgca tctcgcagct 1560  
 ctcccacatc cccgaggata aagaccacca ggtccgaaag ctggccaccc agttgctggt 1620  
 ggacctggca gagggctgcc acacacacca cttcaacagc ctgctggaca tcatcgagaa 1680  
 ggtgatggcc cgctccctct cccaccccc ggagctggaa gaaagggatg tggccgcata 1740  
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 caagctgtac accctgcctg caagccacgc caccgctgtg tatgagatgc tggtcagcca 1860  
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 aacaaggatg gagtctgctg gttcagcccc tactgctgtc gcgactacat ggagccagag 2040  
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 gcgcctgcag gccccgccgt gcggctgggg tccgtgccct actccctgct cttccgcgtc 2160  
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<210> 6410  
 <211> 4190  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (36)...(3979)  
 <223> similar to gi5733726 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 ttctgtgtgc aggtgggata agacccctc aagcaggcct gatgccgatg cagcaacaag 180  
 gatttctctat ggtctctgtc atgcagccta atatgcaagg cattatggga atgaattaca 240  
 gctctcagat gtcccaagga cctattgcta tgcaggcagg aataccaatg ggaccaatgc 300  
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 agcagcaaaa actccttagaa gaagaaaagaa aaagacgccca gtttgaagag cagaagcaaa 480  
 agctcagact tttgagcagt gtgaaaccca agacaggaga gaagagtaga gatgatgctt 540  
 tggaagccat aaaaggaaat ttagatgggt tttccagaga tgcaaaaatg caccctactc 600  
 cagcatcgca ccccaagaaa ccaggccctt ccttggagga gaagttccta gtatccttgc 660  
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 cccttgatga ctcatcagt gatttccaag agttgcctgc ttcttcaaaa acaagtaact 1500  
 ccagcatgg aaacagtgcc ccttctttgt tgatgccact tcctggaact aaagcattgc 1560  
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```
<210> 6411
<211> 2148
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (593)...(1719)
<223> similar to gil063398 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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gcatgggtca	gctctttctg	ccacctccgc	cttcgcggtc	ctcacctctt	tgcgggtgaa		240
gttacctttg	ggtttccaga	ccttgggggc	ctgaggccca	aactcgggac	gaacccttaa		300
cccacctctc	ttttcctgtc	attctccaac	tcttactttg	taccacggaa	tcacttggcc		360

**Q**uestions **A**nswers **T**ips **E**xercises

```
<220>
<221> misc_feature
<222> (1)...(3144)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3039)...(0)
<223> similar to gi4680484 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<400> 6412

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cgagggaagg	agggaaaggac	gagggaggga	aggagggaga	acgggaattt	tcctttccc	360
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<211> 1119  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1106)...(645)  
 <223> similar to gi4929745 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6413

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cacaacatgt	gtacacgtat	aagtctgatg	gatcagaaga	aatatgtacc	cgggaaatcag	180
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tgaacaatct	ttataaaggt	ttcttcatgt	tattttacaat	tcaaagtaaa	tttactttat	300
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ctgtcaaacc	atgatactga	gctttgtgac	aaccagaaa	taactaagag	aaggcaaaca	420
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tctgccaata	aagccttccc	tgtttccaca	aataacttct	cttcatctgt	ttctccaagt	780
ttctgtagct	cagtgacttt	ctccacaaac	cgttgacagg	tagacttgaa	gtttggttgg	840
aatagatcaa	aagctctttt	accagaccga	tacactgaat	aaaacttcgc	tctaattcca	900
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ttctccttca	gcaccccggc	ccgaaccagg	tcccaggtcc	gagagaagat	gctccctacg	1080
gtttccagcc	ggctgcctgc	catgatctgc	gccacgaaa			1119

<210> 6414  
 <211> 1359  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (74)...(841)  
 <223> similar to gi4929699 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6414

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cacagacact	tctgatagtg	aaggaagctg	tggatcggaa	aaggaccact	tttattctga	180
tgatgacgca	atagaagctg	acagtgaggg	tgatgctgag	ccctgtgaca	aagaaaatga	240

aaatgatgga	gaatcaagtg	ttgggactaa	tatgggctgg	gcagatgcta	tggctaaaagt	300
cctcaacaag	aaaactcctg	aaagtaaacc	tactatttctg	gtcaaaaata	agaagctgga	360
aaaggaaaaa	gaaaagttaa	agcaagaaaag	actagagaaa	ataaaacagc	gtgataagag	420
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cttggaatat	ttgtccatcc	cctgatagtt	ggggaattta	taaggatacc	catttgtaag	960
aaagcccaaa	agacttttgc	ccagatttca	tatttccctt	tttcatgtac	actttatata	1020
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tttgtaaaaag	gatataattt	tgtttgacca	gcgagatgtg	cattttgcca	ggatcatatt	1140
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ttcatcatta	aactctttga	agttaatat	tttctgcctt	ctaacttata	gactcaacta	1260
tgtatctgta	gtttttggga	atggttggtg	ttttttgctt	tgtgttggga	agttattgag	1320
aaaacctata	taataaaaatt	taaaattata	aaaaaaaaa			1359

<210> 6415

<211> 2967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (611)...(2619)

<223> similar to gi4886505 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6415

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atatattataa	tacctaagaa	gaatcctttg	tatgtgcccc	ttgaaggtga	aattttccaa	180
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ccacgggagc	atgctgcgcg	cacaacgctg	cgtgctggca	gccggcagcc	ccttcttcca	780
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cacgccgcgg	ggcactcccg	agtcaggcac	gtcaggccag	agcagcgaca	cggagtcggg	1080

ctacctgcag	agccaccac	agcacagcgt	ggacaggatc	tactcggcac	tctacgcgtg	1140
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cgagactgcg	ctcggcctgc	cccgcgacca	ccacatggaa	gaccccagct	ggatcacacg	1260
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<210> 6416
<211> 2558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (225)...(1513)
<223> similar to gi5262617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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gcggccatag	agaatgaact	gtgttttgt	ttagagaaga	cacactcccc	accctgaac		180
aggcttctta	aaagtactag	aaaggaacag	aatgaataa	aagtcgctgg	cagagtagaa		240
gacgacatgg	gagaagaagc	caccagcaga	acccttggtt	cagactccgt	gattctgaag		300



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<210> 6417

<211> 3003

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(1805)

<223> similar to gi4689114 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ccaagaagaa ggtgctacta tacagtggat gtcattctgt gaagcaaaga ttgaagacaa 360
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aaa 3003

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